

UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA
SAN FRANCISCO DIVISION

**IN RE GOOGLE PLAY STORE
ANTITRUST LITIGATION**

Case No. 3:21-md-02981-JD

THIS DOCUMENT RELATES TO:

**[PROPOSED] ORDER RE:
JOINT OMNIBUS ADMINISTRATIVE
MOTION TO FILE UNDER SEAL**

*In re Google Play Consumer Antitrust
Litigation*, Case No. 3:20-cv-05761-JD

Judge James Donato

Having considered the Parties' Joint Omnibus Administrative Motion to File Under Seal certain limited portions of the Parties' class certification papers, *Daubert* briefing, and supporting documents, the party and non-party declarations submitted in support of this administrative motion, and any materials submitted in support or in opposition thereto, pursuant to Local Rules 7-11 and 79-5;

IT IS HEREBY ORDERED:

The following portions of the Parties' class certification papers, *Daubert* briefing, and supporting documents may be filed under seal:

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Consumers Plaintiffs' Motion for Class Certification			
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 006 (between "manufacturer" and "revenue for").	Google (Cramer Declaration ¶ 1)	
Exhibit A1 - Consumer Plaintiffs'	Page 006 (between "with at least" and "covering an estimated"; and between "estimated" and "shipped devices").	Google (Cramer Declaration ¶ 2)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion			
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 006-7 (between "spend" and "to secure"; and from "goal to" to the end of the sentence).	Google (Cramer Declaration ¶ 3)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 008 (between "largest developers" and "Ex. 43"; "at -697.R" and end of sentence).	Google (Cramer Declaration ¶ 4)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 008 (between "required developers to" and end of sentence).	Google (Cramer Declaration ¶ 5)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 008 (between "take was" and "the Project"; "the form of" and end of the sentence).	Google (Cramer Declaration ¶ 6)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 008 (between "threat could cost Google" and "margin impact"; "three years" and "Ex. 39").	Google (Cramer Declaration ¶ 7)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 008, footnote 10 (between "noting that" and "Ex. 41").	Google (Cramer Declaration ¶ 8)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 008, footnote 11 (from beginning of footnote to "See Ex. 39").	Google (Cramer Declaration ¶ 9)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 009 (lines 18-24).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 010 (between "and that" through end of sentence.	Google (Cramer Declaration ¶ 10)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 010 (from "competitors such as" to the end of the sentence; between "noting that" and "Ex. 55;" and from "Ex. 55 (Bankhead Tr.) at 410:21-416:25 (discussing" to the end of the sentence)).	Google (Cramer Declaration ¶ 11)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 011 (between "Google's average" and "take rate").	Google (Cramer Declaration ¶ 12)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 011 (between "would fall from" and "which is slightly").	Google (Cramer Declaration ¶ 13)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 012 (between "take rate" and "for").	Google (Cramer Declaration ¶ 14)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 012 (between "than the" and "that Google").	Google (Cramer Declaration ¶ 15)	
Exhibit A1 - Consumer Plaintiffs' Class Certification Motion	Page 023 (between "such as" and "would differentially;" between "take steps" and "in the face;" between	Google (Cramer Declaration ¶ 16)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion	"some cases" and "Ex. 3, Singer Reply").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 012, footnote 24 (between "the developers" and "and"; and between "and" and "decided not to distribute").	Google (Cramer Declaration ¶ 17)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 021-22, paragraph 44 (between "found that" and "percent of Android").	Google (Cramer Declaration ¶ 18)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 026, footnote 84 (between ““% sideloaded app” at” and "to”; “to” and “ percent in 2019 and 2020”; "avoid the Play Store. The" and “to”; between “to” and “percent statistic is driven by”; between "less than" and “percent of apps”; and between “percent of Apps are” and "Id.").	Google (Cramer Declaration ¶ 19)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 027, footnote 88 (between "During his time at" and "the company did not").	Google (Cramer Declaration ¶ 20)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 027, footnote 89 (between "at the developer" and "the company decided"; and from "same consideration for the developer" to the end of the sentence).	Google (Cramer Declaration ¶ 21)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 032, footnote 123 (between "Play advertising revenue of" and “in 2020, with cost”; between "of sales of just" and "direct operating"; between "expenses of" and "and cost"; between "allocations of" and "These data"; between "on Play Store advertising revenue of over" and "percent (equal	Google (Cramer Declaration ¶ 22)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	to"; "equal to" and "Similarly"; between "inclusive of direct costs is" and "percent (equal to"; between "equal to" and "and"; between "and cost allocations is" and "percent (equal to"; and between "equal to" and the end of the parenthetical).		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 032, footnote 124 (between "(excluding ads) of" and "and "gross profit of"; between "gross profit of" and "for gross profit margin of"; between "for gross profit margin of" and "percent. The Play Store's"; between "operating profit was" and "for an operating"; and between "profit margin of" and "percent).").	Google (Cramer Declaration ¶ 23)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 032, footnote 125 (between "GOOG-PLAY-010801680 (showing Play Store advertising revenue of" and "in 2021, with a"; between "gross profit of" and "for a"; between "gross profit margin of" and "percent. Total operating expenses"; between "recorded at" and "yielding an"; between "operating profit of" and "for an"; and between "operating margin of" and end of sentence).	Google (Cramer Declaration ¶ 24)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 032, paragraph 69 (between "operating profit of" and "in 2019, a"; between "a" and "percent increase over the Play store's profit of"; between "over the Play Store's profit of" and "in 2018. Google's operating profit"; between "jumped to" and "in 2020, an"; between "an increase of" and "percent"; between "percent" and ". The Play Store's gross profit margin"; between "The Play Store's gross profit margin in 2020 was" and "percent, and its operating profit"; between "operating profit margin was" and "percent. A separate spreadsheet"; between "Google earned an additional" and "on ads"; between "gross profit margin was" and "percent, its operating profit"; between "operating profit margin	Google (Cramer Declaration ¶ 25)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	was" and "percent, and its operating profit"; between "operating profit was" and "In"; and between "Google earned an additional" and "on adds that appear").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 034, footnote 139 (between "revenue comes from" and "as opposed to"; between "as opposed to" and "See, e.g.,"; between "showing" and "percent of 2021"; and between "coming from" and ").").	Google (Cramer Declaration ¶ 26)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 037, paragraph 81 (between "2021, the" and "was on"; between "fewer than" and "percent of active devices"; between "and the" and "was on fewer than"; and between "fewer than" and "percent of active devices").	Google (Cramer Declaration ¶ 27)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 038, Table 1 (Names following "Year" in the header row).	Google (Cramer Declaration ¶ 28)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 039, footnote 174, following "GOOG-PLAY4-000284361" until the next semicolon in the footnote.	AT&T (Exhibit B13, Ezell Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 040, footnote 177, the first full sentence before the period.	AT&T (Exhibit B13, Ezell Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 041-42, paragraph 88 (between "of approximately" and "percent of revenues"; and between "an operating profit of" and "by 2018. By the time").	Google (Cramer Declaration ¶ 29)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Singer, Ph.D.			
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 041, footnote 183 (between "marginal cost at" and "percent of consumer expenditures"; and between "account for approximately" and "percent of consumer expenditures.").	Google (Cramer Declaration ¶ 30)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 041, paragraph 87 (between "are approximately" and "to"; between "to" and "percent of revenue"; and between "exceeds its" and "percent revenue share").	Google (Cramer Declaration ¶ 31)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 043, footnote 196, first word before the first semicolon.	AT&T (Exhibit B13, Ezell Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 043, footnote 197, first word before the first semicolon.	AT&T (Exhibit B13, Ezell Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 043, footnote 199, beginning after "GOOG-PLAY-003604603." through and including the end of the footnote.	AT&T (Exhibit B13, Ezell Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 043, paragraph 91, beginning with "After" and until footnote 199, and the full sentence directly following footnote 199.	AT&T (Exhibit B13, Ezell Declaration)	
Exhibit A2 - Class	Page 043, paragraph 92 (between "expressed concern that" and "could	Google (Cramer Declaration ¶ 32)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Report of Hal J. Singer, Ph.D.	lead to mobile"; between "sold with" and "and that"; and between "that, if" and "Google feared").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 044, footnote 206 (between "signed by" and "GOOG-PLAY-000808433; between "GOOG-PLAY-000808433" and "GOOG-PLAY-000808062"; between ""GOOG-PLAY-000808062" and "GOOG-PLAY-000808451"; between "GOOG-PLAY-000808451" and "GOOG-PLAY- 003604523"; between "GOOG-PLAY- 003604523" and "GOOG-PLAY-000416448"; and from "GOOG-PLAY-000416448" to the end of the sentence).	Google (Cramer Declaration ¶ 33) Sharp (Exhibit B40, Satokata Declaration) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 044, footnote 207 (from "signed by" to the end of the sentence).	Google (Cramer Declaration ¶ 34)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 045, footnote 210 (between "July, 1, 2020" and "Google Mobile Revenue").	Google (Cramer Declaration ¶ 35)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 045, footnote 210 (entire footnote paranthetical).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 046-47, paragraph 100 (between "Samsung" and "And in questioning"; and from "employee wrote," to end of the sentence).	Google (Cramer Declaration ¶ 36)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 046, footnote 216 (between "require the" and "to appear").	Google (Cramer Declaration ¶ 37)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 046, footnote 217 (between "Google Play Client")" and "MADA"); and between "§ 4.4: "[and "). Google's MADA").	Google (Cramer Declaration ¶ 38) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 046, footnote 219 (between "(§ 3.4) (" and "(; GOOG-PLAY-001404176").	Google (Cramer Declaration ¶ 39)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 046, paragraph 99 (between "certain agreements, " and "In sum").	Google (Cramer Declaration ¶ 40)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 049, footnote 239	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 049, paragraph 106 (entire paragraph).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A2 - Class Certification Report of	Page 049-50, paragraph 107 (entire paragraph).	Samsung (Exhibit B38, Lee Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Hal J. Singer, Ph.D.			
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 050, paragraph 110 (between "internally as the" and "requirement"; between "required developers" and "thereby foreclosing; and between "lucrative" and "with other app stores").	Google (Cramer Declaration ¶ 41)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 051, footnote 260 (entire footnote).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 051, paragraph 112 (entire paragraph).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 051-52, footnote 262 (between "such as" and "Google's Christian Cramer; between "HPWU and PG are" and "of Play DAU/MAU"; between "Galaxy apks" and "of game time"; between "was about" and "to"; between "to" and "percent of those in the Play Store"; between "grosses" and "today"; and between "(between" and "of Play A&G").	Google (Cramer Declaration ¶ 42)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 051-52, paragraph 114 (between "game release" and "confirmed"; between "grossed only" and "to"; between "to" and "(across all apps)"; between "or between" and "and"; and between "and" and "percent").	Google (Cramer Declaration ¶ 43)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 051, footnote 260 (between "at just" and "to"; between "to" and "percent of the Play Store"; between "at just" and "to"; and between "to" and "percent of the Play Store").	Google (Cramer Declaration ¶ 44)	

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Singer, Ph.D.			
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 051, paragraph 11 (between "developers from" and "including Samsung's"; between "Project Hug's" and "was aimed"; between "strike deals to" and "through Samsung's"; and between "however, from" and "Samsung Galaxy").	Google (Cramer Declaration ¶ 45)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 052-53, paragraph 117 (between "at least" and "OEMs to date"; between "projections for" and "OEMs who had then"; between "anticipated" and "Premier Tier"; between "ship in" and "and"; between "and" and "According to"; between "January 2021" and "out of"; between "out of" and "devices sold"; and between "increase in" and "For some OEMs").	Google (Cramer Declaration ¶ 46)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 052, footnote 268 (between "GOOG-PLAY-000620210" and "GOOG-PLAY-000620638"; between "GOOG-PLAY-000620638" and "GOOG-PLAY-005706338"; between "GOOG-PLAY-005706338" and "GOOG-PLAY-008111867"; between "GOOG-PLAY-008111867" and "GOOG-PLAY-001745614"; between "GOOG-PLAY-001745614" and "GOOG-PLAY-000416708"; between "GOOG-PLAY-000416708" and "GOOG-PLAY-000620282"; between "GOOG-PLAY-000620282" and "GOOG-PLAY-000620442"; between "GOOG-PLAY-000620442" and "GOOGPLAY- 000620131"; between "GOOGPLAY- 000620131" and "GOOG-PLAY-005706436"; between "GOOG-PLAY-005706436" and "GOOG-PLAY- 005706676"; between "GOOG-PLAY- 005706676" and "GOOG-PLAY-007038477"; between "GOOG-PLAY-007038477" and "GOOG-PLAY-007038511"; between "GOOG-PLAY-007038511" and "GOOG-PLAY-000620478"; between "GOOG-PLAY-000620478" and "GOOG-PLAY-000620478").	Google (Cramer Declaration ¶ 47) Sharp (Exhibit B40, Satokata Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	and "GOOG-PLAY-005706728"; and between "GOOG-PLAY-005706728" and "GOOG-PLAY-000416651").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 052, paragraph 115 (between "Stylized as" and "on the absence of").	Google (Cramer Declaration ¶ 48)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 052, paragraph 116 (between "compensated OEMs on" and "if the OEM"; between "be nearly" to "in 2020 and"; between "up to" and "in 2023."; and from "goal was to move all" to the end of the sentence).	Google (Cramer Declaration ¶ 49)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 053, footnote 271 (between "noting" and "percent premier tier"; between "tier for Sony" and "percent for"; between "percent for" and "and"; between "and" and "percent for"; and from "for" to the end of the sentence).	Google (Cramer Declaration ¶ 50) Sony (Exhibit B42, Jacobs Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 054-55, footnote 283 (from "along with" to the end of the sentence).	Google (Cramer Declaration ¶ 51)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 054-55, paragraph 122 (between "the form of" and "The monetary payments"; between "to around" and "to"; between "to" and "percent of"; and from "invest in the Play Store" to the end of the sentence).	Google (Cramer Declaration ¶ 52)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 054, footnote 279 (from "Co-marketing fund agreement)" to the end of the sentence).	Google (Cramer Declaration ¶ 53)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 054, footnote 282 (between "offer Samsung" and "Id. at GOOG-PLAY-000000809"; between "In return" and "only app stores"; between "home screen" and "Id. at").	Google (Cramer Declaration ¶ 54)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 054, paragraph 282 (entire paragraph OR footnote).		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 055, footnote 284 (between "Play reinvests" and "See also GOOG-PLAY-004119228.R"; between "Play takes" and "of the revenue share"; and between "dollars towards" and the end of the sentence).	Google (Cramer Declaration ¶ 55)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 055, footnote 289 (between "'As" and "has influence"; between "up to" and "of Play revenue"; between "Play Revenue" and "would have a realistic"; between "margin risk of" and "for Play"; between "the risk' of" and "defection"; between "percentage of" and "and"; between "and" and "and to"; between "and to" and "a percentage of subscription"; and from "spend into" to end of parenthetical).	Google (Cramer Declaration ¶ 56)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 055, paragraph 123 (between "and the" and "requirement in particular"; between "one year" and "of the top"; between "top" and "game developers"; between "the holdouts" and "a popular gaming developer"; between "to Google, if" and "were to migrate"; between "impact would be" and "to"; between "to" and "in spend"; between "the risk' of" and "defection"; between "an offer to" and "that involved"; between "had offered" and "a"; between "a" and "Shortly thereafter"; between	Google (Cramer Declaration ¶ 57)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	"Shortly thereafter" and "signed a Project Hug").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 055, paragraph 124 (between "resulted in" and "Play margin loss"; between "an additional" and "in cross-platform revenue; between "In" and "Google decided"; and between "next" and "largest game developers").	Google (Cramer Declaration ¶ 58)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 056, footnote 299 (between "with" and "excluded").	Google (Cramer Declaration ¶ 59)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 056, paragraph 125 (between "estimate that the" and "that were part"; between "of Project Hug in" and "accounted for"; between "accounted for" and "percent of all game-related"; between "App revenue and" and "percent of all App revenue"; between "on the Play Store in" and "I also estimate"; between "that the" and "game developers"; between "Games Velocity Program 2.0 in" and "accounted for"; between "accounted for" and "of all game-related"; between "App revenue and" and "percent of all App revenue"; between "on the Play Store in" and "Put differently, Google's equivalent"; between "selling over" and "of the most popular applications"; and from "most popular applications" to the end of the sentence.). This information contains confidential and non-public details about developers that participate in certain non-public commercial programs designed by Google for certain partners).	Google (Cramer Declaration ¶ 60)	
Exhibit A2 - Class Certification Report of	Page 056, paragraph 126 (between "Google's Mr. Koh, the" and "requirement eliminated" and between	Google (Cramer Declaration ¶ 61)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Hal J. Singer, Ph.D.	"Samsung's Galaxy Store" and "For this reason").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 059, footnote 313 (between "GOOG-PLAY-000259276" and "is definitely not"; between "Google knows Epic, and" and "want to use their own billing"; between "suspects" and "will as well"); between "Google Play has repeatedly attempted to bring" and "on to our Billing Platform"; between "Many developers, including" and "interpret a loophole"; and between "GOOG-PLAY-004721177" and "partners who are negotiating").	Google (Cramer Declaration ¶ 62)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 059-60, paragraph 138 (between "discussions with" and "Google had considered" and between "scenario in which" to the end of the sentence).	PayPal*	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 060, footnote 317 (between "declining the use Google Play Billing" and "and others"; between "July 2018 email:" and "does not believe"; and between "email thread summarizing" and "test").	Google (Cramer Declaration ¶ 63)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 060, paragraph 140 (between "that it considered" and "One 2019 presentation"; between "that Google could" and "Likewise, a 2021 Google analysis"; and from "alternatives demonstrate" to the end of the sentence).	Google (Cramer Declaration ¶ 64)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 061, footnote 322 (the entire parenthetical).	Google (Cramer Declaration ¶ 65)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 061, footnote 323 (from after “proposing” to “Other international in-app payment processors”).	Epic Games (Exhibit B4, Even Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 062, footnote 325 (between "showing that" and “of acquisitions”; between “are from” and "while only"; between “while only” and “of acquisitions”; between “acquisitions are” and “Id.” at GOOG-PLAY-007317578”; between "before visting the Play Store" and “percent responded affirmatively”; and between "GOOG-PLAY-007317584. Only" and “percent of users”).	Google (Cramer Declaration ¶ 66)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 062, footnote 328 (between "Id." and "after year 1”; and from "will cost" to the end of the sentence).	Google (Cramer Declaration ¶ 67)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 062, paragraph 147 (between "revenues by roughly" and "implying that imposing"; and from "for one year by" to the end of the sentence).	Google (Cramer Declaration ¶ 68)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 063, footnote 333 (between "ongoing regarding" and "enabling Google Play Billing"; and from "be close to LRAP's" to the end of the sentence).	Google (Cramer Declaration ¶ 69)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 063, paragraph 148 (between "In a document titled" and "Google recognized that"; between "According to one document" and "is only one of a select"; and between "that have been offered" and “rev share.”).	Google (Cramer Declaration ¶ 70)	

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Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 066, footnote 347 (between "set of game developers" and "devs"); and between "would constitute" and "of overall Play Store").	Google (Cramer Declaration ¶ 71)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 066, paragraph 156 (between "to the" and "game developers"; between "these developers because" and "Indeed, Google estimated"; between "could cost Google" and "margin impact"; between "years (" and "revenue"; between "revenue/" and "margin risk"; and between "only" and "through").	Google (Cramer Declaration ¶ 72)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 067, footnote 352 (between "who represented" and "(or more)").	Google (Cramer Declaration ¶ 73)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 069, Figure 4 (entire figure).	Google (Cramer Declaration ¶ 74)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 069, Figure 5 (entire figure).	Google (Cramer Declaration ¶ 75)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 070, Figure 6 (entire figure).	Google (Cramer Declaration ¶ 76)	
Exhibit A2 - Class	Page 073, footnote 365 (between "Google documents indicate that" and	Google (Cramer Declaration ¶ 77)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Report of Hal J. Singer, Ph.D.	"percent of consumer spend"; between "occurs within" and "of the consumer's first purchase"; between "in the lead-up to the announcement found only a" and "revenue loss from the change"; between "because only" and "percent of active subscriptions"; between "subscriptions and" and "percent of revenue from subscriptions"; and between "2018 policy change at" and "percent. See GOOG-PLAY-001291233").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 075, footnote 375 (between "collected service fees in excess of" and "percent of consumer expenditures").	Google (Cramer Declaration ¶ 78)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 081, footnote 388 (between "(excluding irrelevant content costs for movies, television, and books) to be" and "percent of consumer expenditures on the Play Store").	Google (Cramer Declaration ¶ 79)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 083, paragraph 193 (between "its observed value of" and "percent in the actual world"; between "in the Android App Distribution Market is" and "down from"; between "the observed price of" and "net of Google's"; and from "per paid App download" to the end of the sentence).	Google (Cramer Declaration ¶ 80)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 084, footnote 393 (between "equal to" and "multiplied by actual"; between "consumer expenditure of" and "after Google's promotional expenditures"; and between "yielding aggregate damages of" and "= \$18.76 million").	Google (Cramer Declaration ¶ 81)	
Exhibit A2 - Class Certification Report of Hal J.	Page 085, Table 3 (all numbers in the "Value" column, except for the figures in the "Pass-through Rate" and "Aggregate Damages" rows).	Google (Cramer Declaration ¶ 82)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Singer, Ph.D.			
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 088, paragraph 200 (between "take rate of" and "overall"; between "reflective a" and "effective take rate"; between "Fire TV, a" and "effective take rate"; and between "tables and, a" and "effective take rate").	Amazon (Exhibit B7, Kirk Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 088, footnote 410 (between "was actually only" to the end of the footnote).	Amazon (Exhibit B7, Kirk Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 091, footnote 429 (between "Google offered a" and "percent take rate"; between "such as" and "and others to adopt"; between "Google has offered take rates of" and "see GOOG-PLAY-000442329"; and between "and" and "see GOOG-PLAY-000338849").	Google (Cramer Declaration ¶ 83) Disney*	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 091, paragraph 205 (between "take rates of 15 percent" and "offered by Google pursuant to"; and between "viable non-Google billing options (such as" and "and others)").	Google (Cramer Declaration ¶ 84) Disney*	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 093-94, paragraph 210 (between "Google's average cost of payment processing at just" and "percent of customer spend for"; and between "reports that transaction costs came to" and "percent of consumer").	Google (Cramer Declaration ¶ 85)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 093, paragraph 208 (from "has modeled in" to the end of the sentence).	Google (Cramer Declaration ¶ 86)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 094-95, paragraph 212 (between "all of these costs came to" and "percent of consumer expenditures"; between "conservatively estimated at" and "percent of consumer expenditures"; and between "its marginal costs (" and "percent of revenues)").	Google (Cramer Declaration ¶ 87)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 094, footnote 439 (between "showing Google's average" and "percent of consumer spend"; between "processing costs are below" and "for 2,300"; and between "and below" and "for the vast majority of").	Google (Cramer Declaration ¶ 88) Adyen*	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 094, footnote 440 (between "blended rate of" and "percent for the United States").	Google (Cramer Declaration ¶ 89)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 094, footnote 444 (between "came to" and "percent in 2020").	Google (Cramer Declaration ¶ 90)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 094, paragraph 211 (between "totaling" and "In that same year"; between "came to" and "Although the Play Store's financials"; between "can be estimated at" and "Total transaction fees"; and between "is therefore" and "percent").	Google (Cramer Declaration ¶ 91)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 097, footnote 471 (between "In-App Aftermarket at" and "My results"; between "own-price elasticity of" and "calculated here"; between "increase by approximately" and "percent if I were"; between "to use" and "instead of"; between "instead of" and "as the own-firm demand elasticity"; and between "employ the" and "estimate").	Google (Cramer Declaration ¶ 92)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 098, Table 5 (all numbers in the "Value" column, except for the numbers in the "Pass Through Rate" and "Aggregate Damages" rows).	Google (Cramer Declaration ¶ 93)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 100, paragraph 221 (from after "Southeast Asia," to the end of the sentence).	Epic Games (Exhibit B4, Even Declaration)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 102, footnote 486 (between "aftermarket at" and "percent"); and between "close to" and "percent").	Google (Cramer Declaration ¶ 94)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 106-07, paragraph 232 (between "third row displays" and "in the 'Option' column"; between "base rate of" and "for Google's payment processing."; and between "decreases from" and "the greater are developers' steering incentives").	Google (Cramer Declaration ¶ 95)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 106, Figure 7 (entire figure).	Google (Cramer Declaration ¶ 96)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 108, footnote 508 (between "more than" and "percent of users"; and between "[t]oday," and "of Play users").	Google (Cramer Declaration ¶ 97)	
Exhibit A2 - Class Certification Report of	Page 116, paragraph 249 (between "what to do with" and "a holdout"; between "on Project Hug." and "wanted a reduced take rate"; between	Google (Cramer Declaration ¶ 98)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Hal J. Singer, Ph.D.	"One was to" and "Another"; between "was to" and "A third option"; between "was to" and "Under this third approach"; between "should let" and "know that"; between "as proposed by" and "Google cared"; and between "that Google was willing to" and "products to consumers").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 118, paragraph 250 (between "carriers" and "percentage points"; and between "or" and "percent").	Google (Cramer Declaration ¶ 99)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 120-21, paragraph 253 (between "equal to" and "percent of"; between "value of" and "(in the monopoly setting"; between "Equation (V.11)) to" and "in the competitive setting"; between "I arrive at" and "using the").	Google (Cramer Declaration ¶ 100)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 121, footnote 565 (between "platform price of" and "divided by"; and between "product price of" and end of sentence).	Google (Cramer Declaration ¶ 101)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 122-23, paragraph 254 (between "equal to the" and "percent take rate"; between "effectively" and "percent"); between "equal to" and "percent, net of Play Points").	Google (Cramer Declaration ¶ 102)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 122, Table 10 (figures in "Value" column, excluding the single Aggregate Damages figure).	Google (Cramer Declaration ¶ 103)	
Exhibit A2 - Class Certification	Page 123-24, paragraph 258 (between "collected commissions in excess of" and "percent of consumer"; between	Google (Cramer Declaration ¶ 104)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Hal J. Singer, Ph.D.	"a take rate above" and "percent in the In-App Aftermarket").		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 123, footnote 566 (from the formula ending in "= \$" to the end of the parenthetical).	Google (Cramer Declaration ¶ 105)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 123, paragraph 255 (between "Aftermarket is" and ", down from"; between "observed price of" and "(net of Google's"; between "to consumers of" and ", and aggregate"; between "(equal"; "to" and "times"; and between "times" and "transactions) as a result of Google's restrictions").	Google (Cramer Declaration ¶ 106)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 125, paragraph 263 (between "Market was" and "percent and"; between "Content was" and "percent. According to my").	Google (Cramer Declaration ¶ 107)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 128, paragraph 269 (between "earned gross profit of" and "in the competitive"; between "would have earned" and "in operating profit"; between "but-for profit is" and "Performing analogous"; between "estimated gross profit of" and "and operating"; between "profit of" and "in the competitive but-for world (again excluding advertising)"; and from "is estimated at" to the end of the sentence).	Google (Cramer Declaration ¶ 108)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 129, paragraph 271 (between "Google earned" and "in the sale of).	Google (Cramer Declaration ¶ 109)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 130, Table 11 (all figures in "Android App Distribution Market (Table 3)," "In-App Aftermarket (Table 5)," and "Total" columns, except for figures in the "Aggregate Damages" row).	Google (Cramer Declaration ¶ 110)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 130, Table 12 (all figures in "Play Points Competition (Table 10)" and "Take Competition (Table A4)" columns, except for figures in the "Aggregate Damages" row).	Google (Cramer Declaration ¶ 111)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 132, paragraph 281 (between "'Art and Design' category is" and "percent, and the but-for take rate").	Google (Cramer Declaration ¶ 112)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 174, paragraph 295 (between "are approximately" and "percent of consumer").	Google (Cramer Declaration ¶ 113)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 176, paragraph 297 (between "In-App purchases is" and "down from the observed"; between "price of" and "(net of Google's promotional"; between "average overcharge to consumers of" and "and aggregate damages of \$2.35 billion"; between "(equal to" and "times"; and between "times" and "paid App and In-App purchase").	Google (Cramer Declaration ¶ 114)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 177, Table A4 (all numbers in "Value" column, except for the numbers in the "Pass-through Rate" and "Aggregate Damages" rows).	Google (Cramer Declaration ¶ 115)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 180, paragraph 306 (between "Google's competitive margin(" and "percent) is"; between "substantially below" and "percent. As a consequence"; between "the critical loss is" and "percent, which substantially exceeds"; between "the actual loss of" and "percent. Moreover, the"; between "Moreover, the" and "percent estimate of the competitive margin"; between "critical loss would be" and "percent, which again substantially"; and between "exceeds the actual loss of" and "percent.").	Google (Cramer Declaration ¶ 116)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 181-82, Table A6:1 (all numbers in "% of Consumer Expenditure" column).	Google (Cramer Declaration ¶ 117)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 183-84, Table A6:2 (all items in the "% of Consumer Expenditure" column).	Google (Cramer Declaration ¶ 118)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Page 185, Table A6:3 (all items in the "% of Consumer Expenditure").	Google (Cramer Declaration ¶ 119)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Paragraph 138, pages 59-60 (between "in discussions with" and "Google had considered"; and from "Google had considered a scenario in which" to the end of the sentence). This information contains confidential and non-public information about the terms of a specific, non-public commercial program offered by Google to certain developer partners. Revealing these terms could unfairly influence the	Google (Cramer Declaration ¶ 120)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	negotiating strategies employed by app developers and other current and prospective counterparties with which Google does or may transact business, which is likely to cause Google competitive harm. The information also implicates a non-party's confidentiality interests by revealing the identities of Google's business partners, who are not parties to this litigation, and who have a reasonable expectation that Google will maintain the confidentiality of contractual terms.		
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Paragraph 218, pages 97-98 (between "came to" and "between mid-August 2016"; between "Google collected" and "in U.S. commissions"; between "actual world of" and "percent"; between "transaction volume was" and "implying an average consumer price"; between "per transaction of" and "Google received"; between "Google received" and "percent of this price"; between "or" and "per transaction"; between "conservatively estimated at" and "percent of the average consumer price"; between "or" and "per transaction, which yields"; between "a markup of price over cost of" and "percent"; between "In-App Aftermarket is" and "I obtain a comparable result"; between "of" and "if I estimate Google's own-firm elasticity"; and from "the market demand elasticity in the In-App Aftermarket is" through the end of the sentence).	Google (Cramer Declaration ¶ 121)	
Exhibit A2 - Class Certification Report of Hal J. Singer, Ph.D.	Paragraph 220, pages 99-100 (between "be calculated at" and "which implies"; between "but-for price-cost margin of" and "percent"; between "between" and "and"; between "and" and "percent"; between "and" and "Alcoa's postentry"; between "would fall to" and "per transaction in such a competitive but-for world"; between	Google (Cramer Declaration ¶ 122)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	"resulting in total savings of" and "per transaction relative to the actual world"; between "would fall to" and "percent in this competitive but-for world"; and between "Google's price-cost margin would be" and "percent, as shown in Row 15"). This information reflects and is calculated from internal, non-public Google financial data, including pricing and cost information. Were this information to be publicly revealed, it could cause Google competitive harm by giving competitors insight into confidential and critical Google financial information.		
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 004-5, paragraph 10 (between "take rates between" and "and 30 percent"; and between "focuses on take rates above" and "percent, and shows that the vast"; and from "vast majority of these are above" to the end of the sentence).	Google (Cramer Declaration ¶ 123)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 004, footnote 16 (between "There are" [second instance] and "putative developer class members that participate"; and between "Accordingly, approximately" and "percent of proposed developer class members").	Google (Cramer Declaration ¶ 124)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 004, footnote 17 (between "Singer Report Table 3, row [6] (showing" and "percent take rate in the Android App Distribution Market"; between "Table 5, row [3] (showing a" and "percent take rate in the In-App Aftermarket"; and between "As noted above, only" and "percent of the developer class qualified").	Google (Cramer Declaration ¶ 125)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 004, footnote 19 (between "that was among the" and "percent of developers that qualified for special programs").	Google (Cramer Declaration ¶ 126)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 005, Figure 1 (between "as well as" and "which has largely circumvented").	Google (Cramer Declaration ¶ 127)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 007-8, paragraph 14 (between "Record evidence indicates" and "serve \$0.99 developers").	MasterCard (Exhibit B27, Montgomery Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 008, footnote 32 (between "at 409" and "See also").	MasterCard (Exhibit B27, Montgomery Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 008, footnote 32 (between "pricing with" and "(no fixed fee"; between "low as" and "sustainably"; between "all" and "transactions"; between "transactions" and "processed"; and from "3%" to the end of the sentence).	Google (Cramer Declaration ¶ 128)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 015, footnote 73 (between "Amazon App Store" and "required"; between "only" and "of unique visitors"; and between "sign in to" and the end of the parenthetical).	Amazon (Exhibit B7, Kirk Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 016, footnote 75 (between "about" and "percent of transactions").	Google (Cramer Declaration ¶ 129)	
Exhibit A3 - Class Certification Reply	Page 017, footnote 76 (between "at Ex. 10" and "contract setting Direct"; between "Billing rate at" and "of Google's take" [first instance];	Google (Cramer Declaration ¶ 130) AT&T (Exhibit B13, Ezell Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Hal J. Singer	between "at Ex. B" and "contract setting Direct"; between "Billing rate at" and "of Google's take" [second instance]; and between "with floor of" and "of monthly total").		
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 018, footnote 82 (from "developers such as" to the end of the sentence; between "from negotiations with" and "over"; between "over" and "indicate that Google was"; from "open to" to the end of the sentence; between "was willing to" to "to keep it on").	Google (Cramer Declaration ¶ 131)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 018, paragraph 42 (from "Play Store" to the end of the sentence; between "business model" and "launched"; between "were to" and "we would"; and between "generated" and "in high-margin").	Google (Cramer Declaration ¶ 132)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 021-22, paragraph 53 (between "example of" and "which"; between "over" and "downloads"; from "spend of just" to the end of the sentence; between "comes to" and "(equal"; from "percent of" to the end of the sentence; between "were to" and "then"; between "then" and "would incur"; between "approximately" and "that"; from "amount" to the end of the sentence; between "If" and "were to"; and from "revenue from" to the end of the sentence).	Google (Cramer Declaration ¶ 133)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 022-23, paragraph 55 (between "implemented a" and "in the"; between "consumer" and "but having"; between "having a" and "rate"; from "rate apply" to the end of the sentence; between "transactions" and "would have paid"; between "that about" and "percent"; and between "Apps" and "and therefore").	Google (Cramer Declaration ¶ 134)	
Exhibit A3 - Class Certification Reply Report of	Page 022, footnote 101 (between "charged these developers a" and "instead of the 30% service fee rate"; and between "more than" and "of these developers' fees").	Google (Cramer Declaration ¶ 135)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Hal J. Singer			
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 022, footnote 99 (between "proposal to" and "recognized the need"; and between "by proposing" and "to developers after").	Google (Cramer Declaration ¶ 136)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 022, paragraph 54 (between "attempt to" and "and that"; between "if" and "were profitable"; between "would have" and "already"; between "calculations" and "would impose"; between "costs on" and "of developers"; and between "costs from" and "are not").	Google (Cramer Declaration ¶ 137)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 023-24, paragraph 58 (between "eliminated by" and "In a more").	Google (Cramer Declaration ¶ 138)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 023, paragraph 56 (between "ignores that the" and "was never"; between "Challenged Conduct. The" and "that Dr. Burtis contemplates"; between "Dr. Burtis's speculative" and "incorrectly presupposes"; and between "30 percent for" and "percent of developers").	Google (Cramer Declaration ¶ 139)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 023, paragraph 57 (between "rates but" and the end of the sentence; between "could have" and the end of the sentence; and from "rely on" to the end of the sentence).	Google (Cramer Declaration ¶ 140)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 023, paragraph 57, footnote 111 (between "sell more" and "this could crowd out").	Google (Cramer Declaration ¶ 141)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 024, footnote 113 (from "554" to the end of the sentence).	Google (Cramer Declaration ¶ 142)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 024, paragraph 59 (between "been willing to" and "under this alternative").	Google (Cramer Declaration ¶ 143)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 025, footnote 115 (between "like" and first close parenthesis).	Google (Cramer Declaration ¶ 144) Aniplex (Exhibit B9, Toyoma Declaration) Bandai Namco (Exhibit B14, Datum Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 025, paragraph 65 (between "initiative in which" and "Google asked"; between "Google asked" and "In that document"; and from "it would need" to the end of the sentence).	Google (Cramer Declaration ¶ 145)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 027, footnote 128 (between "less than" and "percent of").	Google (Cramer Declaration ¶ 146)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 036, footnote 175 (between "up from" and "per transaction"; and between "down from" and "percent in the").	Google (Cramer Declaration ¶ 147)	
Exhibit A3 - Class Certification Reply	Page 039-40, paragraph 98 (between "less than" and "of U.S. consumers" [first instance]; between "only up to" and "of U.S. consumers" [second	Google (Cramer Declaration ¶ 148)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Hal J. Singer	instance]; between "That 'only'" and "of U.S. consumers" [third instance]; and between "that 'only' about" and "percent of those who participated").		
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 039, footnote 197 (between "the take rate falls by" and "percentage points in the In-App Aftermarket"; between "lowers the takerate by just" and "percentage points, to"; and from "percentage points, to" to the end of the sentence).	Google (Cramer Declaration ¶ 149)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 039, paragraph 95 (between "developers' IAPs would fall" and "[percentage] points (to," between "points (to" and "Dr. Burtis obtains" [excluding footnote 195]; and between "to fall by just" and "percentage points").	Google (Cramer Declaration ¶ 150)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 040, footnote 202 (between "'Equal to [" and "percent]/["; and between "percent]/[" and "percent].").	Google (Cramer Declaration ¶ 151)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 041-42, paragraph 104 (between "three cherry-picked examples" and "dropped from 30 percent").	Google (Cramer Declaration ¶ 152)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 041, footnote 211 (between "take rates for" and close parenthesis).	Google (Cramer Declaration ¶ 153)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 041, paragraph 103 (between "developers such as" and "that Google was attempting").	Google (Cramer Declaration ¶ 154) Disney*	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 042, footnote 213 (between "throughout the period" and "sold subscriptions"; and between "sold subscriptions in its" and "app, consumer subscriptions apparently").	Google (Cramer Declaration ¶ 155)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 042, footnote 217 (between "the cherry-picked" and "subscription product").	Google (Cramer Declaration ¶ 156)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 049, Table 3 (first column of table from below "App" to above "All Others").	Google (Cramer Declaration ¶ 157) MyFitnessPal (Exhibit B30, Settineri Declaration) OnXmaps (Exhibit B32, Hammer Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 049, Table 3 (For "Tinder" row, entries in "Consumer Spend in 'Treatment Group'" and "Total Consumer Spend in App During 'Treatment Period'" columns).	Match Group (Exhibit B3, Ong Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 050, paragraph 127 (between "number of monthly" and "transactions used in"; between "the total number of" and "transactions in Dr. Williams's"; between "The number of" and "'products' classified into"; between "never exceeding" and "transactions in a month"; and between "falling to just" and "monthly transactions by the end").	Google (Cramer Declaration ¶ 158)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 051, Figure 4 (between "MONTHLY TRANSACTIONS FOR" and "'PRODUCTS' IN DR. WILLIAMS'S REGRESSION").	Google (Cramer Declaration ¶ 159)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 051, Figure 4 (entire Figure 4)	Match Group (Exhibit B3, Ong Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 051, paragraph 128 (between "monthly transactions for the" and "'products' used in Dr. Burtis's"; between "amount to at most" and "percent of"; between "percent of" and "revenue in the Play Store"; and from "developer such as" to the end of the sentence).	Google (Cramer Declaration ¶ 160)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 052, Figure 5 (between "MONTHLY TRANSACTIONS FOR" and "'PRODUCTS IN DR. BURTIS'S TABLE 5").	Google (Cramer Declaration ¶ 161)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 051, Figure 5 (entire Figure 5)	Match Group (Exhibit B3, Ong Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 063, Appendix 2, Appendix Tables A1 and A2 (first columns from below "App" to above "All Others").	Google (Cramer Declaration ¶ 162) Dropbox (Exhibit B17, Hill Declaration) Grindr (Exhibit B22, Hsueh Declaration) Hily (Exhibit B23, Pasykov Declaration) Meta (Exhibit B28, Meiring Declaration) MyFitnessPal (Exhibit B30, Settineri Declaration)	
Exhibit A3 - Class Certification Reply Report of	Page 063, Appendix Table A1 (For "Tinder" row, entries "Consumer Spend in Burtis's Exhibit 50" and "App Total Consumer Spend One Month After Service Fee Rate Drop" columns).	Match Group (Exhibit B3, Ong Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Hal J. Singer			
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 063, Appendix Table A2 (For "Tinder" row, entries in "Consumer Spend in Burtis's Exhibit 50" and "App Total Consumer Spend Six Months After Service Fee Rate Drop" columns).	Match Group (Exhibit B3, Ong Declaration)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 064, Appendix Figure A1 title (between "Appendix Figure A1" and "Subscription Transactions").	Google (Cramer Declaration ¶ 163)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 065, Appendix Figure A2 title (between "Appendix Figure A2" and "Subscription Transactions").	Google (Cramer Declaration ¶ 164)	
Exhibit A3 - Class Certification Reply Report of Hal J. Singer	Page 066, Appendix Figure A3 Title (between "Appendix Figure A3" and "Subscription Transactions").	Google (Cramer Declaration ¶ 165)	
Exhibit A4 - Class Certification Report of Douglas C. Schmidt	Page 011-12 (between "track" and "a valuable"; and from "SDKs cannot" to the end of the sentence).	Google (Cramer Declaration ¶ 166)	
Exhibit A4 - Class Certification Report of Douglas C. Schmidt	Page 033-34 (from "Id. at 457:14-458:4" to the end of the sentence).	Google (Cramer Declaration ¶ 167)	
Exhibit A4 - Class Certification Report of	Page 037-38 (from "February 4, 2022, at 457:14-458:4 " to the end of the sentence; and from "Unknown	Google (Cramer Declaration ¶ 168)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Douglas C. Schmidt	Sources Flow. Id. at 409:4-412:23" to the end of the sentence).		
Exhibit A4 - Class Certification Report of Douglas C. Schmidt	Page 12 (from "their device" to the end of the sentence).	Google (Cramer Declaration ¶ 169)	
Exhibit A4 - Class Certification Report of Douglas C. Schmidt	Page 35 (between "about a" and "percent").	Google (Cramer Declaration ¶ 170)	
Exhibit A4 - Class Certification Report of Douglas C. Schmidt	Page 42 (from "GOOG-PLAY-001088593" to the end of the sentence).	Google (Cramer Declaration ¶ 171)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 009, paragraph 13 (the entirety of the fifth sentence (beginning with "When"))).	Epic Games (Exhibit B4, Even Declaration). Samsung (Exhibit B38, Lee Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 013, paragraph 35 (after "For example" to the end of the sentence; between "For some developers, this" and "would mean"; between "had charged" and "Peekya would"; between "would have paid" and "in fees"; between "paid less than" and "in service fees"; and between "its monetization to" and "in the but-for world").	Google (Cramer Declaration ¶ 172)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 014, paragraph 36 (between "only about" and "of U.S. consumers").	Google (Cramer Declaration ¶ 173)	
Exhibit A5 - Opposition	Page 018, paragraph 54 (between "about" and "of").	Google (Cramer Declaration ¶ 174)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 018, paragraph 57 (between "Google Play," and "offer subscriptions;" between "apps account for" and "of all U.S. consumers;" and between "IAPs account for" and "of consumer spend").	Google (Cramer Declaration ¶ 175)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 021, footnote 45 (between "such as" and "The service" and between "program is" to the end of the sentence).	Google (Cramer Declaration ¶ 176)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 021, paragraph 64 (between "such as" and "and" and between "and" and footnote 45).	Google (Cramer Declaration ¶ 177) Disney*	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 022, footnote 52 (between "for" and "of").	Google (Cramer Declaration ¶ 178)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 022, footnote 54 (between "to" and "user", between "to" and "and", and between "to" and the end of the sentence).	Google (Cramer Declaration ¶ 179) Activision Blizzard (Exhibit B5, Salik Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 022, footnote 64 (between "example" and "is an;" between "since September 2017" and "another").	Google (Cramer Declaration ¶ 180)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 022, paragraph 65 (between "rate of" and "since"; and from "early as" to the end of the sentence).	Pandora (Exhibit B33, Ring Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 022, paragraph 66 (between "fee rate for" and "app fell to").	Google (Cramer Declaration ¶ 181)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 022, paragraph 67 (between "as much as" and ". For example,"; between "consumer spend of" and "on Google Play."; between "cloud credits worth" and ". That would"; between "developer's apps from" and "(based on a"; between "rate) to" and "--effectively reducing"; and from "30% to" to the end of the paragraph).	Google (Cramer Declaration ¶ 182)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 022, paragraph 68 (between "included" and "particular"; between "about" and "of Google Play;" between "worldwide." and "and;" and between "and" and "are among").	Google (Cramer Declaration ¶ 183) Activision Blizzard (Exhibit B5, Salik Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 023, paragraph 70 (between "growth services to" and "to;" between "to" and "Core developers;" and between "with more than" and "in monthly consumer spend").	Google (Cramer Declaration ¶ 184)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 027, paragraph 78 (between "class period," and "of putative"; between "members generated" and "or less in"; between "spend, and" and "generated"; between "generated" and "or less"; between "developers like" and "some of which;" between "and	Google (Cramer Declaration ¶ 185) Disney*	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	the top" and "developer parents;" and between "accounted for" and "of consumer spend.").		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 028, Figure 2 (between "Top" and "Putative Developer"; between "Accounting for" and "of Consumer Spend"; and bar graph data).	Google (Cramer Declaration ¶ 186) Activision Blizzard (Exhibit B5, Salik Declaration) Anonymous Non-Party* Disney* Warner Bros. (Exhibit B48, Perrette Declaration) Meta (Exhibit B28, Meiring Declaration) Century Games (Exhibit B16, Jin Declaration) Niantic (Exhibit B31, Shouger Declaration) AppLovin (Exhibit B12, Cacovean Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 029, paragraph 81 (between "December 2021," and ", an app"; between, "app from" and ", had"; between ", had" and "in consumer spend and"; between "in consumer spend and" and "in Ad Mob earnings"; between "The app" and ", by"; between, ", by" and ", generated just"; between ", generated just" and "in consumer spend during"; between "but had" and "in Admob earnings."; between "Peekya, generated" and "in consumer spend from paid"; and between "through 2021 and" and "during the period of time when").	Google (Cramer Declaration ¶ 187)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 031, footnote 96 (between "service fee rate of" and ". See").	Google (Cramer Declaration ¶ 188)	
Exhibit A5 - Opposition Class Certification Report of	Page 031, paragraph 84 (between "are 15%" and ". In 2021;" between "there were" and "members of the putative developer class;" between "accounting for about" and "of	Google (Cramer Declaration ¶ 189)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Michelle M. Burtis	putative developer class;" and between "reduction in" and "service fee rate").		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 031, paragraph 86 (between "quantified for" and "was" and between "while for" and "the uplift").	Google (Cramer Declaration ¶ 190)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 034-35, paragraph 96 (between "shows that" and "of putative", between "and about" and "spent less", between "less than" and "during the class", between "Only" and "of the putative", between "members spent" and "or more.", between "Approximately" and "U.S. consumers spent", between "more than" and "on Google Play", and Table 3).	Google (Cramer Declaration ¶ 191)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 040, footnote 121 (between "about" and "of Samsung;" and between "store and" and "used it").	Google (Cramer Declaration ¶ 192)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 041, paragraph 117 (between "there are" and "that participate;" between "accounted for" and ". The global;" and between "accounted for" and the end of the last sentence in the paragraph).	Google (Cramer Declaration ¶ 193)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 042, paragraph 120 (the entirety of the first and third sentences) and footnote 133 (from after "Got a confirmation about R/S at least." to the end of the footnote).	Epic Games (Exhibit B4, Even Declaration)	
Exhibit A5 - Opposition Class Certification	Page 042, paragraph 120 (the entire paragraph).	Samsung (Exhibit B38, Lee Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 042, Footnote 133 (the entire footnote paranthetical).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 042, footnote 134	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 043, paragraph 123 (between "such as" and ", from").	Google (Cramer Declaration ¶ 194) Disney*	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 043, paragraph 125 (between "for the" and "app", between "about" and "after", and between "to" and "due").	Google (Cramer Declaration ¶ 195)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 044, Figure 3 (the entire figure).	Google (Cramer Declaration ¶ 196)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 044, footnote 38 (between "for" and "of").	Google (Cramer Declaration ¶ 197)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 044, paragraph 126 (between "signed" and "targeted" and between "about" and "of").	Google (Cramer Declaration ¶ 198)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 045, Figure 4 (entire figure).	Google (Cramer Declaration ¶ 199)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 059, paragraph 167 (between "Overall," and "putative," between "than" and "of", between "of the" and "consumers", between "making up" and "of", and between "than" and "over").	Google (Cramer Declaration ¶ 200)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 062, footnote 202 (between "of" and "to", between "to" and "was", and between "of" and "allowed").	Google (Cramer Declaration ¶ 201)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 065-66, paragraph 183 (between "Approximately" and "of", between "is" and "- as much", between "as" and "The", between "is" and "- as much" and between "as" and "In").	Google (Cramer Declaration ¶ 202)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 066, paragraph 185 (between "approximately" and "of").	Google (Cramer Declaration ¶ 203)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 068-69, paragraph 194 (between "malware -" and "and", between "and" and "has more", between "than" and "consumer", between "and" and "has	Google (Cramer Declaration ¶ 204)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis	more", between "than" and "installations", between "for" and "and", between "for" and "These", between "shows," and "putative", and between "and" and "of").		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 069, paragraph 195 (between "shows" and "of"; between "overcharge of" and "that overcharge"; between "that overcharge" and "would have been"; and between "security apps that are" and "per month"; and between "per month" and "per year"; and between "more than" and "over the class").	Google (Cramer Declaration ¶ 205)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 069, paragraph 196 (between "for the" and "of").	Google (Cramer Declaration ¶ 206)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 069, footnote 216 (between "About" and "of U.S.>").	Google (Cramer Declaration ¶ 207)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 070-71, paragraph 199 (between "over" and "downloads", and between "about" and "over").	Google (Cramer Declaration ¶ 208)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 070-71, paragraph 199 (between "the" and ", other"; between "over" and "downloads"; between "about" and "over"; between "approximately" and "However"; and between "about" and "Depending").	Google (Cramer Declaration ¶ 209)	
Exhibit A5 - Opposition Class Certification	Page 070, footnote 221 (between "of" and "to", between "to" and "with", and between "of" and "allowed").	Google (Cramer Declaration ¶ 210)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 070, paragraph 198 (between "charging a" and "Such", between "about" and "of", between "offer" and ") would," between "to" and "The", between "distribute" and "would", and between "have" and "that").	Google (Cramer Declaration ¶ 211)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, footnote 225 (between "For" and "that"; and from "imply" and the end of the sentence).	Google (Cramer Declaration ¶ 212)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, footnote 225 (from "to charge a" to the end of the sentence).	Google (Cramer Declaration ¶ 213)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, paragraph 199 (between "with" and "but others").	Google (Cramer Declaration ¶ 214)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, paragraph 199 (from "about" to the end of the sentence).	Google (Cramer Declaration ¶ 215)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, paragraph 199 (from "approximately" to the end of the sentence).	Google (Cramer Declaration ¶ 216)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, paragraph 199 (from "assessed at" to the end of the sentence).	Google (Cramer Declaration ¶ 217)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, paragraph 200 (between "strategy to" and "a putative").	Google (Cramer Declaration ¶ 218)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, paragraph 201 (text from "fees for" to the end of the sentence).	Google (Cramer Declaration ¶ 219)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 071, subheading 2 (text after "App or Developer").	Google (Cramer Declaration ¶ 220)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 072, paragraph 201 (text from "considered adding" to the end of the sentence; from "several" to the end of the sentence; and "the" to the end of the sentence).	Google (Cramer Declaration ¶ 221)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 072, paragraph 202 (between "developers" to "instead;" and between "more than" and "of these").	Google (Cramer Declaration ¶ 222)	
Exhibit A5 - Opposition Class Certification	Page 072, paragraph 202 (between "than" and "of" and between "than" and the end of the sentence).	Google (Cramer Declaration ¶ 223)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 072, paragraph 202 (between "were" and "during").	Google (Cramer Declaration ¶ 224)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 072, paragraph 202 (from "charged" to the end of the sentence).	Google (Cramer Declaration ¶ 225)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 072, paragraph 229 (from "considered were" to the end of the sentence).	Google (Cramer Declaration ¶ 226)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 073-74, footnote 232 (between "based on" and "for the"; and between "year and" and "thereafter").	Google (Cramer Declaration ¶ 227)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 073, footnote 231 (between "554" and GOOG-PLAY-003335786.R).	Google (Cramer Declaration ¶ 228)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 073, footnote 231 (from "808.R" to the end of the sentence).	Google (Cramer Declaration ¶ 229)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 073, footnote 232 (from "ranging from" to the end of the sentence).	Google (Cramer Declaration ¶ 230)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 073, paragraph 203 (between "introducing" and "whereby"; from "rates would" to the end of the sentence; and between "implemented" and "in the but-for world").	Google (Cramer Declaration ¶ 231)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 073, paragraph 204 (from "a consumer" to the end of the sentence; between "individual consumer" and "but having"; between "having a" and "rate"; from "apply" and the end of the sentence; between "skewed toward" and "the developer's"; from "toward" to the end of the sentence; between "distribution of a" and "the developer's overall"; and from "toward" to the end of the sentence).	Google (Cramer Declaration ¶ 232)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 073, subheading 3 (text before "Imply Not All Service").	Google (Cramer Declaration ¶ 233)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 074-75, paragraph 206 (from "apps that" to the end of the sentence; from "depending on" and the end of the sentence; between "rate of" and "would apply"; between "transactions generated from" and "and a service fee"; between "rate of" and "would apply"; from "to transactions" to the end of the sentence; and from "how each developer" to the end of the sentence).	Google (Cramer Declaration ¶ 234)	
Exhibit A5 - Opposition Class Certification	Page 074, paragraph 205 (between "2020," and "existed less;"; between "for those" to "of apps"; from "world	Google (Cramer Declaration ¶ 235)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis	with" to the end of the sentence; and Table 7).		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 074, paragraph 205 (from "transactions for" to the end of the sentence; from "adopted this" to "all the users"; and between "the app for" to "and all transactions").	Google (Cramer Declaration ¶ 236)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075-76, paragraph 210 (between "relied more on" and "would have been"; between "developers that" and "but pay relatively small"; and between "likely that" and "would exceed").	Google (Cramer Declaration ¶ 237)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, footnote 235 (between "all transactions" and "These alternatives").	Google (Cramer Declaration ¶ 238)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, footnote 238 (between "[include]" and "; Linked to value").	Google (Cramer Declaration ¶ 239)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, paragraph 206 (between "this" and "monetization").	Google (Cramer Declaration ¶ 240)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, paragraph 207 (between "increase the" and "in Google Play").	Google (Cramer Declaration ¶ 241)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, paragraph 207 (between "rates but" and ". For example").	Google (Cramer Declaration ¶ 242)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, paragraph 208 (between "ability to" and "would have been.").	Google (Cramer Declaration ¶ 243)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, paragraph 209 (between "increasing the" and ", even with", between "rely on" and ", as many small", and between "developers do." and "or other mechanisms").	Google (Cramer Declaration ¶ 244)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 075, section 4 (from after "Lower Service Fee Rates Accompanied by").	Google (Cramer Declaration ¶ 245)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 076, footnote 239 (between "increase the" and ". Others listed"; and from "rate to" to the end of the sentence).	Google (Cramer Declaration ¶ 246)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 076, footnote 240 (between "554 (" and "work because devs").	Google (Cramer Declaration ¶ 247)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 076, paragraph 211 (between "large developers," and " and "could have exceeded"; and second sentence in the paragraph).	Google (Cramer Declaration ¶ 248)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 077, footnote 243 (between "like" and "are concerned about the large and ongoing").	Aniplex (Exhibit B9, Toyoma Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 080, paragraph 227 (between "approximately" and "of the U.S.>").	Google (Cramer Declaration ¶ 249)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 080, paragraph 227 (between "DCB is" and "on average," between "developers is" and "- as much," and between "as much as" and "If some developers").	Google (Cramer Declaration ¶ 250)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 080, paragraph 228 (between "About" and "of the putative" and between "(at most)" and "in lower").	Google (Cramer Declaration ¶ 251)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 082, footnote 263 (between "identified" AND "major" and between "approximately" and "of").	Google (Cramer Declaration ¶ 252)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 082, footnote 266 (between "there were" and "developers").	Google (Cramer Declaration ¶ 253)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 084, footnote 271 (from after "Got a confirmation about R/S at least." to the end of the footnote).	Epic Games (Exhibit B4, Even Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 084, footnote 271 (the entire footnote paranthetical).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 085, footnote 277 (between "DCB of" and "to" and between "in" and "in 2016").	Google (Cramer Declaration ¶ 254)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 085, footnote 277 (between "Google of" and "and cost," between "replicate of" and "and showing," between "Google of" and "and cost," and after "replicate of").	Google (Cramer Declaration ¶ 255)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 085, paragraph 244 (between "for" and "97%;" between "for" and ", and;" and between "of" and "sales").	Google (Cramer Declaration ¶ 256)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 086, footnote 280 (between "showing" and "of").	Google (Cramer Declaration ¶ 257)	
Exhibit A5 - Opposition Class Certification	Page 086, footnote 280 (between "showing" and "of").	Google (Cramer Declaration ¶ 258)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 088, paragraph 251 (between "rate" and "does").	Google (Cramer Declaration ¶ 259)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 088, paragraph 252 (text from "considered a strategy of" to the end of the sentence).	Google (Cramer Declaration ¶ 260)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 088, paragraph 252 (text from "could be different for" to the end of the sentence).	Google (Cramer Declaration ¶ 261)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 088, paragraph 252 (text from "service fee rate reductions" to the end of the sentence).	Google (Cramer Declaration ¶ 262)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 089, paragraph 256 (between "2017," and "developers", and between "were" and "developers").	Google (Cramer Declaration ¶ 263)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 093, footnote 315. (between "for" and "97%," between "for" and "and;" and between "all of" and the end of the sentence).	Google (Cramer Declaration ¶ 264)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 094, footnote 321 (between "describing that" and "would discourage spam").	Google (Cramer Declaration ¶ 265)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 094, footnote 322 (between "considered were" and ". Google", and from "also considered" to the end of the sentence).	Google (Cramer Declaration ¶ 266)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 094, paragraph 269 (between "accounted for" and "of total").	Google (Cramer Declaration ¶ 267)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 094, paragraph 270 (between "generated" and "in consumer;" between "were" and ". Peekya;" and between "were" and the end of the sentence).	Google (Cramer Declaration ¶ 268)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 094, paragraph 270 (between "had charged" and ", Peekya", and between "would have paid" and "over the 25 months.").	Google (Cramer Declaration ¶ 269)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 094, paragraph 270 (from "could charge" to the end of the sentence).	Google (Cramer Declaration ¶ 270)	
Exhibit A5 - Opposition Class Certification	Page 095, paragraph 270 (between "Google charged" and "compared to the fees").	Google (Cramer Declaration ¶ 271)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 095, paragraph 271 (between "app with over" and "downloads and"; between "and about" and "in consumer spend"; between "Play charged" and ", LowTech Studios"; between "from about" and "(the actual"; between "to over" and ". The calculation"; and from "assumes that the" to the end of the sentence).	Google (Cramer Declaration ¶ 272)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 096, paragraph 274 (from "would be" to the end of the sentence).	Google (Cramer Declaration ¶ 273)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 096, paragraph 274 (from "fall to" and "and"; and from "to" to the end of the sentence).	Google (Cramer Declaration ¶ 274)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 096, paragraph 274 (from "would be" to the end of the sentence).	Google (Cramer Declaration ¶ 275)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 097, paragraph 280 (between "developer" and "for"; between "of" and "unit sales"; between "is" and "share"; between "rate for" and "subscription"; and between "found" and "had").	Google (Cramer Declaration ¶ 276)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 098, paragraph 282 (before "service fee rate in Google"; between "January 2018" and "service"; between "that" and "did not"; and between "100%." and "did not").	Google (Cramer Declaration ¶ 277)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 099, footnote 344 (between "app" and "(app package"; between "name" and ") and"; between "IAPs in" and "(app"; between "name" and ") That is,"; between "That is", and "and"; and between "and" and "demonstrate").	Google (Cramer Declaration ¶ 278)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 099, footnote 344 (between "SKU" and "The").	Google (Cramer Declaration ¶ 279)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 099, footnote 344 (between "the" and "subscription").	Google (Cramer Declaration ¶ 280)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 099, paragraph 287 (between "Similar to" and ", two;" between "class members," and "and;" between "and" and ", had;" between "both" and "and;" and between "and" and ", for").	Google (Cramer Declaration ¶ 281)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 101, Figure 12 (between "Figure 12." and "Monthly Subscription" in the heading).	Google (Cramer Declaration ¶ 282)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 104, Table 8 (Last column of table below "Dr. Singer's Predicted Pass-Through Rate").	Google (Cramer Declaration ¶ 283) Disney* Pandora (Exhibit B33, Ring Declaration)	
Exhibit A5 - Opposition	Page 109, paragraph 310 (between "For example" and "belongs";	Google (Cramer Declaration ¶ 284)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Report of Michelle M. Burtis	between "98% for" and "(across all"; between "because" and "share of the Game"; between "2%." and "share of the Adventure"; between "pass-through rate for" and "is 57%"; and between "43%." and "belongs to the Casual Game").		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 111-12, paragraph 316 (between "rates for" and "a developer"; between "December 2020." and "another developer"; and between "period, and" and "an app with paid downloads").	Google (Cramer Declaration ¶ 285)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 111, paragraph 314 (between "the developer" and "subscription price"; between "predicts that if" and "service fee rate"; between "from 30% to" and "in June 2017"; between "pass-through rate of" and "(as he claims)"; between "(as he claims)," and "would change"; and between "its price to" and "and change").	Google (Cramer Declaration ¶ 286)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 112, Figure 14 (key at the bottom of the graphic).	Google (Cramer Declaration ¶ 287)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 112, footnote 384 (between "offered by" and "Inc." between "from" and "all"; between "of" and "has"; between "of" and "both"; and between "by" and "have list"). This information contains Google's service fee rates with three non-party app developers. These service fee rates are non-public, and if revealed to competitors and potential business counterparties, could be used to disadvantage Google. For example, if other app developers (i.e. competitors to these three non-party app developers) became aware of this information they could use it to inform their negotiation strategies and	Google (Cramer Declaration ¶ 288)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	as leverage in negotiation with Google (e.g. by demanding the same rates).		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 117, footnote 398 (between "but" and "See Lim").	Google (Cramer Declaration ¶ 289)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 117, footnote 398 (between "rate is" and "rather" and between "of" and "The underlying").	Google (Cramer Declaration ¶ 290)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 118, paragraph 341 (between "consumers, only" and "participate in the program" and between "no more than" and "redeem points").	Google (Cramer Declaration ¶ 291)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 120, paragraph 348 (between "would fall" and "points to;" between "to" and "and the rate;" between "would fall" and "to;" and between "to" and "Dr. Singer's").	Google (Cramer Declaration ¶ 292)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 121-22, paragraph 353 (between "tends to benefit" and "— those"; between "consumers that" and footnote 418; and starting after "by Google to" to the end of the sentence).	Google (Cramer Declaration ¶ 293)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 122, footnote 418 (text in parenthetical after "p. 22"; in parenthetical after "p. 17"; and between "(GOOG-PLAY-000365029)." and "See Feng Dep.")).	Google (Cramer Declaration ¶ 294)	
Exhibit A5 - Opposition	Page 122, footnote 423 (between "The" and "Play Points redemption"	Google (Cramer Declaration ¶ 295)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Report of Michelle M. Burtis	and between "Only" and "of U.S. consumers redeemed").		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 122, paragraph 354 (between "roughly" and "U.S. consumers"; between "only about" and "participated in Google Play Points"; and between "That is" and "of U.S. consumers").	Google (Cramer Declaration ¶ 296)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 122, paragraph 355 (between "at most" and "U.S. consumers" and between "— about" and "U.S. consumers").	Google (Cramer Declaration ¶ 297)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 123, paragraph 358 (between "was available, less than" and "of U.S. consumers participated" and between "only up to" and "of U.S. consumers earned").	Google (Cramer Declaration ¶ 298)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 123, paragraph 359 (between "in the actual world, redeemed Play Points accounted for about" and "of consumer spend"; between "would have been" and footnote 428; between "Play Points redeemed accounted for about" and "of consumer spend"; between "been nearly" and footnote 429; and between "nearly" and "times").	Google (Cramer Declaration ¶ 299)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 141, paragraph 5 (between "example" and "is;" between "But and "was formerly;" between "as" and "It originated;" between "San Francisco" and "has;" and between "almost" and "during").	Google (Cramer Declaration ¶ 300) Century Games (Exhibit B16, Jin Declaration)	
Exhibit A5 - Opposition Class	Page 141-42, paragraph 5 (entire paragraph).	Century Games (Exhibit B16, Jin Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 142, footnote 437 (between "developer" and "who"; between "as" and "who"; between "Both" and "and"; between "and" and "are identified in").	Google (Cramer Declaration ¶ 301)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 145, paragraph 6 (between "transaction is" and "but the"; between "cards is" and "and the average,"; and between "DCB is" and "Since different").	Google (Cramer Declaration ¶ 302)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 146, paragraph 6 (between "hand" and "is"; between "of" and "Yet"; and between "Yet" and "has been").	Google (Cramer Declaration ¶ 303)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 147, paragraph 10 (from "Project Hug offers" to the end of the sentence; between "to spend over" and "on"; between "on" and "developers and estimated"; and from "worth over" to the end of the sentence).	Google (Cramer Declaration ¶ 304)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 148, Exhibit 1 (entire exhibit).	Google (Cramer Declaration ¶ 305)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 155, Exhibit 8 (entire exhibit).	Google (Cramer Declaration ¶ 306) Activision Blizzard (Exhibit B5, Salik Declaration) Disney* MLB*	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
		Nintendo (Exhibit B50, Singh Declaration) The New York Times Company (Exhibit B44, Sumar Declaration) Viki (Exhibit B47, Mak Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 157, Exhibit 10 (entire exhibit).	Google (Cramer Declaration ¶ 307)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 160, Exhibit 13 (left column under "Developers" and above "Top 30 Developers").	Google (Cramer Declaration ¶ 308) Activision Blizzard (Exhibit B5, Salik Declaration) Anonymous Non-Party* AppLovin (Exhibit B12, Cacovean Declaration) Century Games (Exhibit B16, Jin Declaration) Disney* Niantic (Exhibit B31, Shouger Declaration) Warner Bros. (Exhibit B48, Perrette Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 160, Exhibit 13 (entire exhibit).	Century Games (Exhibit B16, Jin Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 161, Exhibit 14 (entire exhibit).	Google (Cramer Declaration ¶ 309) Match Group (Exhibit B3, Ong Declaration) Activision Blizzard (Exhibit B5, Salik Declaration) Anonymous Non-Party* AppLovin (Exhibit B12, Cacovean Declaration) Century Games (Exhibit	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
		B16, Jin Declaration) Disney* Meta (Exhibit B28, Meiring Declaration) Niantic (Exhibit B31, Shouger Declaration) Warner Bros. (Exhibit B48, Perrette Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 163, Exhibit 16 (entire exhibit).	Google (Cramer Declaration ¶ 310) InShot (Exhibit B24, Liu Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 164, Exhibit 17 (Notes 1-2 between "[1]" and "are in both", and between "[2]" and "have non-US").	Google (Cramer Declaration ¶ 311)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 164, Exhibit 17 (Table).	Google (Cramer Declaration ¶ 312)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 165-67, Exhibit 18 (all data, figures, and developer names in chart).	Google (Cramer Declaration ¶ 313) Match Group (Exhibit B3, Ong Declaration) AppLovin (Exhibit B12, Cacovean Declaration) Activision Blizzard (Exhibit B5, Salik Declaration) Adobe (Exhibit B6, Norris Declaration) Ancestry (Exhibit B8, Matsuzawa Declaration) Anonymous Non-Party* AppLovin (Exhibit B12, Cacovean Declaration) Bandai Namco (Exhibit B14, Datum Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
		Century Games (Exhibit B16, Jin Declaration) Disney* Dropbox (Exhibit B17, Hill Declaration) Geo Track Technologies (Exhibit B19, Giniatulin Declaration) GoPro (Exhibit B20, Stephen Declaration) Gravity Interactive (Exhibit B21, Hong Declaration) Grindr (Exhibit B22, Hsueh Declaration) InShot (Exhibit B24, Liu Declaration) Meta (Exhibit B28, Meiring Declaration) MyFitnessPal (Exhibit B30, Settineri Declaration) Niantic (Exhibit B31, Shouger Declaration) Octro, Inc.* OnXmaps (Exhibit B32, Hammer Declaration) Smule (Exhibit B41, Bradford Declaration) Together Labs f/k/a IMVU (Exhibit B46, Ritchey Declaration) Viki (Exhibit B47, Mak Declaration) Warner Bros. (Exhibit B48, Perrette Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 168-170, Exhibit 19 (all data, figures, and developer names in chart).	Google (Cramer Declaration ¶ 314) Match Group (Exhibit B3, Ong Declaration) Activision Blizzard (Exhibit B5, Salik Declaration) Adobe (Exhibit B6, Norris Declaration) Anonymous Non-Party* AppLovin (Exhibit B12, Cacovean Declaration) Big Fish and Product	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
		Madness (Exhibit B15, Riney Declaration) Century Games (Exhibit B16, Jin Declaration) DeNA Corp* Dropbox (Exhibit B17, Hill Declaration) ETERMAX (Exhibit B18, Larrimbe Declaration) Geo Track Technologies (Exhibit B19, Giniatulin Declaration) Gravity Interactive (Exhibit B21, Hong Declaration) Grindr (Exhibit B22, Hsueh Declaration) Hily (Exhibit B23, Pasykov Declaration) JamCity (Exhibit B25, Yguado Declaration) Keepsafe* Meta (Exhibit B28, Meiring Declaration) MileIQ (Exhibit B29, Bomze Declaration) MLB* MyFitnessPal (Exhibit B30, Settineri Declaration) Niantic (Exhibit B31, Shouger Declaration) Octro, Inc.* OnXmaps (Exhibit B32, Hammer Declaration) Pandora (Exhibit B33, Ring Declaration) Pango (Exhibit B34, Feather Declaration) PicsArt (Exhibit B35, Arakelian Declaration) Pinger, Inc. (Exhibit B36, McDonnell Declaration) Plarium (Exhibit B37, Katz Declaration) Together Labs f/k/a IMVU (Exhibit B46, Ritchey Declaration) Big Fish and Product	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
		Madness (Exhibit B15, Riney Declaration) SciPlay (Exhibit B39, Gustafson Declaration) Smule (Exhibit B41, Bradford Declaration) Spicerack (Exhibit B43, Gustafson Declaration) The New York Times Company (Exhibit B44, Sumar Declaration) Together Labs f/k/a IMVU (Exhibit B46, Ritchey Declaration) Viki (Exhibit B47, Mak Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 173, Exhibit 22 (Figures in Table and text in footnote 2 between “October 2021 for” and “based on purchase”).	Google (Cramer Declaration ¶ 315)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 174, Exhibit 23 (Table).	Google (Cramer Declaration ¶ 316)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 176, Exhibit 25 (Chart).	Google (Cramer Declaration ¶ 317)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 177, Exhibit 26 (Table).	Google (Cramer Declaration ¶ 318)	
Exhibit A5 - Opposition Class	Page 178, Exhibit 27 (Table).	Google (Cramer Declaration ¶ 319)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Report of Michelle M. Burtis			
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 189, Exhibit 38	Paypal*	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 190, Exhibit 39 (Table; footnote 2 between "for" and "is based"; footnote 4; and footnote 5 text after "plaintiff").	Google (Cramer Declaration ¶ 320)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 191, Exhibit 40	Keepsafe*	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 195, Exhibit 44 (text within "App Developer Name" and "App Package Name" columns and between "[2]" and "sold two subscriptions").	Google (Cramer Declaration ¶ 321)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 196, Exhibit 45 (text within the table header identifying developers below "Pass-Through-Rate for Subscriptions").	Google (Cramer Declaration ¶ 322)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 197, Exhibit 46 (between "Rate of" and "Monthly Subscription"; between "SKU" and "[2] In the class"; and between "period" and "only").	Google (Cramer Declaration ¶ 323)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 199, Exhibit 48 (between "Notes [1]" and "offers;" between "for SKU" and "had identical;" and between "period" and "only sold").	Google (Cramer Declaration ¶ 324)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 199, Exhibit 48 (between "Rate of" and "Monthly").	Google (Cramer Declaration ¶ 325)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 200, Exhibit 49 (between "Rate of" and "Monthly;" between "SKU" and "[2] In the class;" and between "period" and "only sold").	Google (Cramer Declaration ¶ 326)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 204, Exhibit 53 (text in the "App" and "Product" columns and between "Price for" and "on the developer's" and between "website" and "accessed" in Sources [1]-[7]).	Google (Cramer Declaration ¶ 327) Disney* Pandora (Exhibit B33, Ring Declaration)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 205, Exhibit 54 (Table).	Google (Cramer Declaration ¶ 328)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 208, Exhibit 57 (between "class period" and "only sold").	Google (Cramer Declaration ¶ 329)	
Exhibit A5 - Opposition Class Certification	Page 208, Exhibit 57 (text within the "App Developer GAIA ID," "App Developer Name," "App Package Name," "Total Subscription Units	Google (Cramer Declaration ¶ 330)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Report of Michelle M. Burtis	Sold in App Category," "Developer Subscription Units Sold," "Developer's Share of Total Subscription Units Sold," "Pass-Through Rate for Subscriptions," and "But-for Price According to Singer's Pass-through & But-for Rate" columns).		
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 209, Exhibit 58 (before "Paid App Download," between "Paid App Download" and "In-App Purchases," between "In-App Purchases" and "Subscriptions," between "downloads from" and "non-subscription," between "IAPs from" and "and subscription," and between "subscription IAPs from" and "for August").	Google (Cramer Declaration ¶ 331)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 211, Exhibit 60 (all figures in table).	Google (Cramer Declaration ¶ 332)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 212, Exhibit 61 (all figures in table).	Google (Cramer Declaration ¶ 333)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 214, Exhibit 63 (between "Rate of" and "Subscription" and between "rates for SKU" and "[2] Both Burtis").	Google (Cramer Declaration ¶ 334)	
Exhibit A5 - Opposition Class Certification Report of Michelle M. Burtis	Page 215, Exhibit 64 (between "Digital" and "Subscription" and between "rates for SKU" and "[2] Both Burtis").	Google (Cramer Declaration ¶ 335)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A6 - Ex. 13 to Class Certification Motion	Exhibit 13, page -244 (non-party names in rows 2 and 4 of table).	Google (Cramer Declaration ¶ 336)	
Exhibit A7 - Ex. 14 to Class Certification Motion	Exhibit 14, page -831 (the names appearing after "Android Partnerships" and "Google Legal" at the top of the document; all addresses, phone numbers, and fax numbers in chart labeled "COMPANY CONTACT DETAILS"; text between "and" and "a company incorporated under"; between "the laws of" and "whose registered"; and between "office is at" and ("Company")); page -835 (between "To the extent it is available and" and "sharing of it."); page -844 (between "Legal Department is" and "Except as otherwise"; and between "on that subject" and "Any amendment must be in writing."); page -845 (all names, signatures, and dates); page -847 (all numerical figures and percentages in both charts).	Google (Cramer Declaration ¶ 337) T-Mobile / Sprint (Exhibit B45, Giard Declaration)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 14, page -845 (signatures in signature blocks).	Google (Cramer Declaration ¶ 338) T-Mobile / Sprint (Exhibit B45, Giard Declaration)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -071 (names in the top right corner next to "Google SFD Rep", "Google Sales Engineer"; and "Google Legal Contact"; in the box, the name next to "COMPANY" as well as names, titles, and contact information listed in the rows entitled Attention, Title, Address..., and Email; the party name that starts the sentence until "a company incorporated"; between "under the laws of" and "whose registered"; and between "office is at" and "Company").	Google (Cramer Declaration ¶ 339)	
Exhibit A8 - Ex. 15 to	Exhibit 15, page -072, (section 1.12, between "agree that products or	Google (Cramer Declaration ¶ 340)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion	services of" and "and MVNOs"; between "fully controlled by" and "and provided that").		
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -072, (section 1.13, between "means the sum of" and "of Ad Revenues").	Google (Cramer Declaration ¶ 341)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -080 (section 8.3, between "by Google (e.g., Company" and "MVNOs, provided the"; section 9.3, between "notice to" and "prior to making the change").	Google (Cramer Declaration ¶ 342)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -081 (between "one-time payment to" and "equal to"; from "equal to" through the end of that sentence).	Google (Cramer Declaration ¶ 343)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -085 (between "being sent to" and "is"; from "is" through the end of that sentence).	Google (Cramer Declaration ¶ 344)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -086 (section 16.6, between "Exhibit C and" and "which are wholly owned"; between "provided that (i) only" and "shall be provisioned"; between "MVNOs and for" and "under this Agreement"; between "in equity against" and "The parties may"; between "and additional" and "to this Agreement").	Google (Cramer Declaration ¶ 345)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -087 (signatures in signature blocks).	Google (Cramer Declaration ¶ 346)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -087, (signatures, names, titles, and dates).	Google (Cramer Declaration ¶ 347)	
Exhibit A8 - Ex. 15 to Class	Exhibit 15, page -091 (section 1, between "shall pay Company" and "of Net Ad Revenue"; and the figures in the right hand column of the chart	Google (Cramer Declaration ¶ 348)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion	entitled Revenue Share for Android and Non-Android Devices).		
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -092 (section 9, all names listed under "MVNOs").	Google (Cramer Declaration ¶ 349)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -094 (the figures in both columns in the row called Direct Carrier Billing in table 1; the figures in both columns in the row called Direct Carrier Billing in table 2).	Google (Cramer Declaration ¶ 350)	
Exhibit A8 - Ex. 15 to Class Certification Motion	Exhibit 15, page -095 (section 3.1, between "will withhold" and "of the DCB").	Google (Cramer Declaration ¶ 351)	
Exhibit A9 - Ex. 16 to Class Certification Motion	Exhibit 16 (entire exhibit filed under seal).	AT&T (Exhibit B13, Ezell Declaration)	
Exhibit A9 - Ex. 16 to Class Certification Motion	Exhibit 16, page -601 (signatures in signature blocks).	Google (Cramer Declaration ¶ 352)	
Exhibit A9 - Ex. 16 to Class Certification Motion	Exhibit 16, page -601, paragraph 1 (between "between" and "and Google" (first instance); and between "between" and "and Google" (second instance)).	Google (Cramer Declaration ¶ 353)	
Exhibit A9 - Ex. 16 to Class Certification Motion	Exhibit 16, page -603 (in the sentence below the first table: between "paid the" and "Net GTV"; and between "Net GTV and the" and "DCB Transaction fee).	Google (Cramer Declaration ¶ 354)	
Exhibit A9 - Ex. 16 to Class Certification Motion	Exhibit 16, page -603 (in the sentence below the second table: between "paid the" and "Net GTV"; and between "Net GTV and the" and "DCB Transaction fee).	Google (Cramer Declaration ¶ 355)	
Exhibit A9 - Ex. 16 to Class	Exhibit 16, page -603 (the entire table after paragraph 1).	Google (Cramer Declaration ¶ 356)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion			
Exhibit A9 - Ex. 16 to Class Certification Motion	Exhibit 16, page -603 (the entire table after paragraph 2).	Google (Cramer Declaration ¶ 357)	
Exhibit A9 - Ex. 16 to Class Certification Motion	Exhibit 16, page -603 (the entire table after paragraph 3).	Google (Cramer Declaration ¶ 358)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -896 (signatures in signature blocks).	Google (Cramer Declaration ¶ 359)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -900 (from "two (2) week's written notice to" through the end of that sentence; between "If" and "believes that Google"; between "then" and "may escalate.").	Google (Cramer Declaration ¶ 360)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -901 (paragraph (e), between "during the Term" and "of the Ad"; between "not to exceed" and "per active user"; and between "to a cap of" and "of aggregate.").	Google (Cramer Declaration ¶ 361)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -901 (paragraph (g), between "query and it is" and "responsibility"; between "ensure the" and "is installed on.").	Google (Cramer Declaration ¶ 362)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -902 (paragraph (j), from "OEM and/or" to the end of that sentence; and paragraph (k), from "upon notice to" to the end of that sentence).	Google (Cramer Declaration ¶ 363)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -903 (paragraph 2(b), between "during the Term" and "shall receive"; between "shall receive" and "of the Net Ad Revenues"; between "for October 2014" and "shall receive"; between "shall receive" and "of the Net Ad Revenues "; between "for November 2014" and "shall receive"; between "shall receive" and	Google (Cramer Declaration ¶ 364)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	"of the Net Ad Revenues"; between "for December 2014" and "shall receive"; between "shall receive" and "of the Net Ad Revenues"; between "for January 2015" and "shall receive"; between "shall receive" and "of the Net Ad Revenues"; between "for February 2015" and "shall receive"; between "shall receive" and "of the Net Ad Revenues"; between "for March 2015" and "shall receive"; between "shall receive" and "of the Net Ad Revenues"; between "for April 2015" and "shall receive"; and between "shall receive" and "of the Net Ad Revenues.").		
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -903 (paragraph 2(e), between "will not apply to" and "bookmarking").	Google (Cramer Declaration ¶ 365)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -904 (paragraph 2(g), between "notified to Google by" and "for that purpose"; paragraph 2(h), between "or require" and "to pay to Google" and between "may have overpaid to" and "in prior periods"; paragraph 2(i), between "excess of" and "of", between "advance written notice to" and "together with reasonable support"; between "existing" and "costs", between "avoidance of doubt" and "shall not be liable", from "are payable to" through the end of the sentence; paragraph 2(j), between "payments due to" and "for the applicable percentage"; between "foreign currency will be" and "responsibility", and between "Google will provide" and "with a report").	Google (Cramer Declaration ¶ 366)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -905, "General Web Search Access Points for Directed Traffic" Table (last row of table from "under this Agreement with" through the end of the sentence).	Google (Cramer Declaration ¶ 367)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -907 (paragraph (c), between "end users through" and "billing system").	Google (Cramer Declaration ¶ 368)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -907 (paragraph (e), between "including applications downloaded by" and "Customers from a Web-based").	Google (Cramer Declaration ¶ 369)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -910 (section 1, between "DCB:" [first instance] and "of GTV" [first instance]; between "Debit Card" [first instance] and "of GTV" [second instance]; between "DCB:" [second instance] and "of GTV" [third instance]; between "Debit Card" [second instance] and "of GTV" [fourth instance]; between "DCB:" [third instance] and "of GTV" [fifth instance]; and between "Debit Card" [third instance] and "of GTV" [sixth instance]).	Google (Cramer Declaration ¶ 370)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -910 (section 2, between "DCB:" [first instance] and "of GTV" [first instance]; between "Debit Card" [first instance] and "of GTV" [second instance]; between "DCB:" [second instance] and "of GTV" [third instance]; between "Debit Card" [second instance] and "of GTV" [fourth instance]; between "prior written notice to" and "upon providing to"; between "upon providing to" and "reasonable support for such reduction"; between "DCB:" [third instance] and "of GTV" [fifth instance]; and between "Debit Card" [third instance] and "of GTV" [sixth instance]).	Google (Cramer Declaration ¶ 371)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -897-98, paragraph 8 (from "deleted and replaced with the following:" through the end of that sentence).	Google (Cramer Declaration ¶ 372)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page -897, paragraph 2 (between "each as notified to" and	Google (Cramer Declaration ¶ 373)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion	"and available at"; between "available for purchase by" and "or its authorized agents"; between "but if" and "believes that Google is"; between "then" and "may escalate the issue"; between "will require" and "to give Google control.").		
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page –897, paragraph 6 (between "the reference to" and "is hereby" and from "replaced with" through the end of that sentence).	Google (Cramer Declaration ¶ 374)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page –898, paragraph 11 (the very first word in the sentence; between "notice sent to" and "in accordance with"; and the names, addresses, email addresses, and phone numbers of both individuals in that paragraph).	Google (Cramer Declaration ¶ 375)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page –898, paragraph 12 (the very first word in the sentence; and the titles, names, email addresses, and phone numbers of the three individuals in that paragraph).	Google (Cramer Declaration ¶ 376)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page –898, paragraph 13 (the titles, names, email addresses, and phone numbers of the three individuals in that paragraph).	Google (Cramer Declaration ¶ 377)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, page 1 (between "Amendment Five to the" and "Google Co"; between "further amends that" and "Google Co"; between "Google Inc. ("Google") and" and "dated October 1"; and the names, titles, and signatures at the bottom of the page).	Google (Cramer Declaration ¶ 378)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, pages -896-910, bottom left corner of each page (between "Google and" and "Proprietary and Confidential").	Google (Cramer Declaration ¶ 379)	
Exhibit A10 - Ex. 17 to Class	Exhibit 17, pages -898 and -899 (email usernames; phone numbers in signature blocks).	Google (Cramer Declaration ¶ 380)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion			
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, pages -905-06 (paragraph 3(a), between "with regard to Devices" and "will be entitled"; paragraph 3(b), between "Net Ad Revenues for a Device if" and "ensures that the Authorized OEM" and between "of the Google Application, and (ii)" and "will require OEMs"; and paragraph 3(c), between "to pay Net Ad Revenues if" and "ensures that all Devices").	Google (Cramer Declaration ¶ 381)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, pages -907-08 (paragraph (g). Between "including applications downloaded by" and "Customers from a Web-based").	Google (Cramer Declaration ¶ 382)	
Exhibit A10 - Ex. 17 to Class Certification Motion	Exhibit 17, pages -908-09 (section 1.2, between "Net GTV," and "shall ensure"; section 1.3, between "agrees to place a" and "folder of applications"; section 1.4, between "shall provide to" and "two reports," and between "Google will pay" and "the Net GTV by the end"; section 1.5, between "Google shall pay" and "Net GTV," between "currencies notified to" and "by Google," and from "the responsibility of" through end of sentence; section 1.6, between "from Google to" and "may be made by"; section 1.7, between "requirements in order to pay" and "Net GTV," and between "will be notified to" and "in advance"; section 1.8, between "tax purposes" and "and each of its Affiliates," between "Beneficiary name, and" and "Tax ID Number," between "delays of any payments due" and "will not receive Net GTV," and between "the above information" and "must ensure that its bank"; and section 1.9, between "payment transaction, either" and "shall refund the Net GTV," and	Google (Cramer Declaration ¶ 383)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	from" payable by Google to" through end of sentence).		
Exhibit A11 - Ex. 18 to Class Certification Motion	Exhibit 18, page -103 (signatures in signature blocks).	Google (Cramer Declaration ¶ 384)	
Exhibit A11 - Ex. 18 to Class Certification Motion	Exhibit 18, page -106 (section 1, between "DCB:" [first instance] and "of GTV" [first instance]; between "Debit Card" [first instance] and "of GTV" [second instance]; between "DCB:" [second instance] and "of GTV" [third instance]; between "Debit Card" [second instance] and "of GTV" [fourth instance]; between "DCB:" [third instance] and "of GTV" [fifth instance]; and between "Debit Card" [third instance] and "of GTV" [sixth instance]).	Google (Cramer Declaration ¶ 385)	
Exhibit A11 - Ex. 18 to Class Certification Motion	Exhibit 18, page -106 (section 2, between "DCB:" [first instance] and "of GTV" [first instance]; between "Debit Card" [first instance] and "of GTV" [second instance]; between "DCB:" [second instance] and "of GTV" [third instance]; between "Debit Card" [second instance] and "of GTV" [fourth instance]; between "prior written notice to" and "upon providing to"; between "upon providing to" and "reasonable support for such reduction"; between "DCB:" [third instance] and "of GTV" [fifth instance]; and between "Debit Card" [third instance] and "of GTV" [sixth instance]).	Google (Cramer Declaration ¶ 386)	
Exhibit A11 - Ex. 18 to Class Certification Motion	Exhibit 18, pages 103-105 (between "Amendment Six to the" and "Google Co"; between "further amends that" and "Google Co"; between "Google Inc. ("Google") and" and "dated October 1, 2009"; and the names, titles, and signatures at the bottom of the page).	Google (Cramer Declaration ¶ 387)	
Exhibit A12 - Ex. 19 to	Exhibit 19, page -046 (between "earlier." and "Does this help	Google (Cramer Declaration ¶ 388)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion	clarify?"; entire table at the bottom of page).		
Exhibit A12 - Ex. 19 to Class Certification Motion	Exhibit 19, page -046, -047, -048, -049 (email usernames).	Google (Cramer Declaration ¶ 389)	
Exhibit A12 - Ex. 19 to Class Certification Motion	Exhibit 19, page -047 (between "referring to." and "Let me know"; "run the change by" and "here are my thoughts"; "to ensure" and "Thanks again Joan." Page -048 between "couple of questions." and "Joan"; "questions on the" and "as well"; "approved the" and "yesterday;" "Makes sense" and "Thanks Ted"; "What happens to" and end of sentence. Page -049 between "redline from" and "after bird-dogging"; "the broad strokes)" and "we are aiming.").	Google (Cramer Declaration ¶ 390)	
Exhibit A13 - Ex. 20 to Class Certification Motion	Exhibit 20, page -444 (all values in chart); page -445 (entire graphic on slide); page -446 (two charts at bottom of page; pages -447 and -448 (entire chart on slide and all dollar values; highlighted text in speaker notes section); page -449 (entire bar chart); page -450 (between "Ramping" and TVCs; "to ramp" and "TVCs" and "app reviews" and "in '18 investment"); page -452 (chart underneath "potential impact"; highlighted text underneath chart; percentage and absolute values in "speaker notes" section; between "does" and "cover?" and "link; text after "ex. JP"); page -453 (chart under "Play Revenue Loss" and numerical and dollar values in text below slide); page -454 (all dollar figures and percentages); page -456 (charts and logos on slide; deal terms and percentages in text under slide); page -461 (entire chart); pages -462 to -465 (all financial figures and charts); pages -466 to -467 (all financial	Google (Cramer Declaration ¶ 391) Anonymous Non-Party*	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	figures and charts on slide and text underneath; text next to “research economy,” “corp eng,” and “Privacy and Security” bullets); page -468 (all financial figures besides “2.0B,” “210M,” 11%,” “56%,” and “88%”).		
Exhibit A14 - Ex. 22 to Class Certification Motion	Exhibit 22 (entire exhibit filed under seal).	Adobe (Exhibit B6, Norris Declaration)	
Exhibit A14 - Ex. 22 to Class Certification Motion	Exhibit 22, page -178 (highlighted text).	Google (Cramer Declaration ¶ 392)	
Exhibit A14 - Ex. 22 to Class Certification Motion	Exhibit 22, pages -162, -164 to -167, -170 to -172, -175, and -180 (highlighted dollar figures and percentage values).	Google (Cramer Declaration ¶ 393)	
Exhibit A14 - Ex. 22 to Class Certification Motion	Exhibit 22, Page -166 (the three rows corresponding to "Apple" in the table; and the third bullet point between "Apple TAC% will" and the end of the sentence).	Apple (Exhibit B10, Stern Declaration) Apple (Exhibit B11, Higney Declaration)	
Exhibit A14 - Ex. 22 to Class Certification Motion	Exhibit 22, Page -168 (between "paid Apple" and "in TAC"; the text in the embedded table (including the number in the sentence beginning with an asterisk and the expiration date); the text between “signed” and “of current”; from the start of the first bullet to "effective"; between "revshare" and "applies"; between "applies through" and "applies thereafter"; the second and third bullet points in their entireties).	Apple (Exhibit B10, Stern Declaration) Apple (Exhibit B11, Higney Declaration)	
Exhibit A14 - Ex. 22 to Class Certification Motion	Exhibit 22, Page -178 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A14 - Ex. 22 to Class	Exhibit 22, Page -179 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion			
Exhibit A15 - Ex. 23 to Class Certification Motion	Exhibit 23, page -375 (below table, bottom of page, material following "Company:", "By:", "Name", and "Title:").	Google (Cramer Declaration ¶ 394)	
Exhibit A15 - Ex. 23 to Class Certification Motion	Exhibit 23, page -375 (part 1, right column, all information following colons; part 3, right column, information following "Company:").	Google (Cramer Declaration ¶ 395)	
Exhibit A15 - Ex. 23 to Class Certification Motion	Exhibit 23, page -375 (signature in signature block; text between "Attn: and "Fax:."; between "Fax:" and "Email:."; and text immediately after "Email:").	Google (Cramer Declaration ¶ 396)	
Exhibit A15 - Ex. 23 to Class Certification Motion	Exhibit 23, page -376 (signature in signature block).	Google (Cramer Declaration ¶ 397)	
Exhibit A16 - Ex. 24 to Class Certification Motion	Exhibit 24 (entire exhibit filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A16 - Ex. 24 to Class Certification Motion	Exhibit 24, page -342 (between "by and between" and "a"; "a" and "corporation").	Google (Cramer Declaration ¶ 398)	
Exhibit A16 - Ex. 24 to Class Certification Motion	Exhibit 24, page -342 (Chart, after "Company" in title line; redact all text in the column below "Company Contact Information"; in the column below "Company Technical Contact"; and in the Column below "Company Legal Notices to").	Google (Cramer Declaration ¶ 399)	
Exhibit A16 - Ex. 24 to Class Certification Motion	Exhibit 24, page -342 (email usernames).	Google (Cramer Declaration ¶ 400)	
Exhibit A16 - Ex. 24 to Class Certification Motion	Exhibit 24, page -343 (between "means a" and "specified"); page -347	Google (Cramer Declaration ¶ 401)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion	(between “process” and “may”); and page -349 (section 3.10(d), between “If” and “wishes to”; and between “to have” and “own apps”); and page -359 (between “Effective Date.” and “Google Inc.”).		
Exhibit A16 - Ex. 24 to Class Certification Motion	Exhibit 24, page -359 (name at top of left signature block (after "Effective Date").	Google (Cramer Declaration ¶ 402)	
Exhibit A17 - Ex. 25 to Class Certification Motion	Exhibit 25, page -214 (graph on left figures before "of Play in Dec" and "of Play after Dec"; third bullet on right between "ARR=" and "or" and "of Play").	Google (Cramer Declaration ¶ 403)	
Exhibit A17 - Ex. 25 to Class Certification Motion	Exhibit 25, page -216 (between "top developers e.g.," and "to ensure"; and between "3rd party stores e.g.," and "Multiple cashback").	Google (Cramer Declaration ¶ 404)	
Exhibit A17 - Ex. 25 to Class Certification Motion	Exhibit 25, page -224 (between "from IN" and "of IN Play"; "top 100 games" and "of Play KR revenue"; "in JP" and "of Play JP rev"; full box underneath box starting with "Excludes lots of other alternatives").	Google (Cramer Declaration ¶ 405)	
Exhibit A17 - Ex. 25 to Class Certification Motion	Exhibit 25, page -225 (between "with high user" and "of revenue from". Slide at page -227, between "siphoning" and "revenue"; full graphic/chart underneath "Existing JP Amazon Revenue").	Google (Cramer Declaration ¶ 406)	
Exhibit A17 - Ex. 25 to Class Certification Motion	Exhibit 25, page -228 (email username).	Google (Cramer Declaration ¶ 407)	
Exhibit A18 - Ex. 26 to Class Certification Motion	Exhibit 026, page -471 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A18 - Ex. 26 to Class	Exhibit 026, page -472 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion			
Exhibit A18 - Ex. 26 to Class Certification Motion	Exhibit 26, page -471 (between "From past negotiations" and "views home/home placement").	Google (Cramer Declaration ¶ 408)	
Exhibit A18 - Ex. 26 to Class Certification Motion	Exhibit 26, page -471 (between "specifically non-China devices..." and "and we don't pay a Play revenue"; between "I'm wondering what we could ask of" and "(or any other OEM)"; and between "Don't we already require it for" and "devices?").	Google (Cramer Declaration ¶ 409)	
Exhibit A18 - Ex. 26 to Class Certification Motion	Exhibit 26, pages -471, -472 (email usernames).	Google (Cramer Declaration ¶ 410)	
Exhibit A19 - Ex. 28 to Class Certification Motion	Exhibit 28, page -771 (all figures and values in chart).	Google (Cramer Declaration ¶ 411)	
Exhibit A19 - Ex. 28 to Class Certification Motion	Exhibit 28, page -775 (blue text under "Magical Bridge" and black text underneath "Assessing: Thinking through models").	Google (Cramer Declaration ¶ 412)	
Exhibit A19 - Ex. 28 to Class Certification Motion	Exhibit 28, page -789 (the two large green figures on the left and middle of slide); page -790 (between "only" and "Play users" and "last month" and "of Play users").	Google (Cramer Declaration ¶ 413)	
Exhibit A20 - Ex. 29 to Class Certification Motion	Exhibit 29, page -946 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A20 - Ex. 29 to Class Certification Motion	Exhibit 29, page -946 (between "Spend" and "in total in 2020" and "over current trajectory) growing to" and "in 2023 across Search and Play for carriers and" and "OEMs to secure"; "RSA to secure" and "& gesture at scale"; "We propose	Google (Cramer Declaration ¶ 414) Xiaomi (Exhibit B49, Zhang Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	offering up to 16% Play Apps & Games and Ads rev share to OEMs" and "to key CN OEMs" and "to smaller OEMs), spending est." and "in 2020 and up to" and "in 2023 (steady state) in addition to the bonus tier of current RSA to secure Play exclusivity" until end of sentence; "offering additional" and "to most"; "total of" and "for" and "and" and "to incentivize"; "EEA" and "and" and "actively pursuing deals for" and "on devices not covered by RSA (e.g." until end of sentence).		
Exhibit A20 - Ex. 29 to Class Certification Motion	Exhibit 29, page -947 (between "China & India, e.g." and "iOS users"; "move all current" and "RSA partners"; "urgency to switch" and "to stock UI"; "earning an estimated" and "in revenue"; "revenue share of" and "(TAC)"; "revenue share of" and "to be paid"; "revenue share of" and "(TAC)"; "(2020-2021 below)" and "incremental payment"; "Increased device enrollment" and "Mix shift" and "Increase in revenue share rate" and "Carriers" and "Introduction of Play payment" and "to be paid out"; "steady state in 2023" and "incremental payment"; "Increased device enrollment" and "Mix shift" and "Increase in revenue share rate" and "Carriers" and "Introduction of Play payment" and "to be paid out"; all text in bottom two rows of chart).	Google (Cramer Declaration ¶ 415) Xiaomi (Exhibit B49, Zhang Declaration)	
Exhibit A20 - Ex. 29 to Class Certification Motion	Exhibit 29, page -948 (all text in boxes underneath "Description" and "Mitigation"; all values and figures underneath "Financial overview").	Google (Cramer Declaration ¶ 416) Xiaomi (Exhibit B49, Zhang Declaration)	
Exhibit A20 - Ex. 29 to Class Certification Motion	Exhibit 29, page -950 (between "services growth (e.g." and "Introduces a meaningful services").	Google (Cramer Declaration ¶ 417) Xiaomi (Exhibit B49, Zhang Declaration)	
Exhibit A20 - Ex. 29 to	Exhibit 29, pages -946, -948, -949, -950, -951 (email usernames).	Google (Cramer Declaration ¶ 418)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion		Xiaomi (Exhibit B49, Zhang Declaration)	
Exhibit A21 - Ex. 30 to Class Certification Motion	Exhibit 30 (entire exhibit).	Sharp (Exhibit B40, Satokata Declaration)	
Exhibit A21 - Ex. 30 to Class Certification Motion	Exhibit 30, page -462 (between "experience on Android" and "launched first devices").	Google (Cramer Declaration ¶ 419)	
Exhibit A21 - Ex. 30 to Class Certification Motion	Exhibit 30, page -463 (between "Optimized Tier" and "of Search," and "Premier Tier" and "Search on"; all text within rows of the chart; all text to the right of the chart).	Google (Cramer Declaration ¶ 420)	
Exhibit A21 - Ex. 30 to Class Certification Motion	Exhibit 30, page -465 (between "preloaded on" and "of GMS devices"; "makes up" and "of incremental"; "For" and "Assistant HW"; all values in the chart on the right).	Google (Cramer Declaration ¶ 421) Xiaomi (Exhibit B49, Zhang Declaration)	
Exhibit A21 - Ex. 30 to Class Certification Motion	Exhibit 30, page -467 (all text in the last two rows in the chart next to "05/11/2020 23:40:24").	Google (Cramer Declaration ¶ 422) Meta (Exhibit B28, Meiring Declaration)	
Exhibit A21 - Ex. 30 to Class Certification Motion	Exhibit 30, page -474 (between "spend" and "to cover" and "in key financial"; "exposing" and "of annual Google"; "contributing to" and "of Google revenue"; "browsers exposing" and "of Google revenue"; "that account for" and "of Androids"; "happens on" and "Amazon Prime"; "growing" and "Y/Y"; "putting" and "of Play revenue"; all figures under "Hedged ('23F)").	Google (Cramer Declaration ¶ 423)	
Exhibit A21 - Ex. 30 to Class Certification Motion	Exhibit 30, page -475 (between "investing" and "per device to get" and "devices"; "on Android" and "in total"; entire figure underneath title of slide. Text underneath slide between "GFD is" and "more expensive";	Google (Cramer Declaration ¶ 424) Xiaomi (Exhibit B49, Zhang Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	"Gcal protections" and "savings per device"; "GFD is" and "more expensive"; "CN OEMs" and "savings per device"; "deal model)" and "in marketing"; "to manage" and "revenue uplift"; "devices are" and "more likely").		
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, Pages -819;-825 (entire pages filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -819 (entire boxes labeled "Impact" and "Ask").	Google (Cramer Declaration ¶ 425)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -820 (entire boxes labeled "Cross-Google Service Packs + Partner Pods," "Samsung + Google Gaming Collaboration," and "Accrue value back to Google").	Google (Cramer Declaration ¶ 426)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -822 (between "HVUS:" and "of buyers"; between "spend" and "of app"; between "concentration of" and "reflect 2018"; entire top box).	Google (Cramer Declaration ¶ 427)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -824 (icons in column 1 and figures in column 2 in rows 2-6; text in row 2 from the start of the sentence until "whether to launch"; text in footnote between "Projected" to "spend projection").	Google (Cramer Declaration ¶ 428)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -825 (between "margin loss (" and "revenue"; between "revenue /" and "margin at risk"; text in first row from "Play Revenue/Margin Risk" to the end of the sentence; the entire right hand box in row 1).	Google (Cramer Declaration ¶ 429) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -827 (entire box under the slide title and icons).	Google (Cramer Declaration ¶ 430)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -828 (entire box under "1) Prioritize Play"; entire box under the icons under "2) Boost x-PA Product Adoption").	Google (Cramer Declaration ¶ 431)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -829 (entirety of the four rows in the chart).	Google (Cramer Declaration ¶ 432)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -830 (the three boxes on the left side under "Target Developers").	Google (Cramer Declaration ¶ 433)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -831 (the entire box under slide title and three headings; between "packs with" and "-->").	Google (Cramer Declaration ¶ 434)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -832 (entire box under slide title and three headings).	Google (Cramer Declaration ¶ 435)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -833 (entire box under slide title; between "2021 as" and "increases").	Google (Cramer Declaration ¶ 436)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -835 (box in the bottom right corner at the end of the arrow beneath "Niantic").	Google (Cramer Declaration ¶ 437)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -836 (entire first row until the slide title; text from "are win-win" through the end of that sentence; entire 3 bullet points under "Marketing opportunities"; entire 2 bullet points under "Playpoints").	Google (Cramer Declaration ¶ 438)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -838 (between "including" and "and 4 year"; entire chart under the slide title).	Google (Cramer Declaration ¶ 439)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -839 (entire right hand column under "Mitigation"; entire 3 bullet points beneath the chart).	Google (Cramer Declaration ¶ 440)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -842 (entirety of the box; between "includes" and "and also accounts").	Google (Cramer Declaration ¶ 441)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -843 (entirety of the box under the slide title).	Google (Cramer Declaration ¶ 442)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -844 (entirety of the box under the slide title; between "of top developers" and "A couple of partial").	Google (Cramer Declaration ¶ 443)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -845 (entirety of box under "Margin Impact (2019 - 2022)").	Google (Cramer Declaration ¶ 444)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -846 (entirety of box under "Margin Impact (2019 - 2022)").	Google (Cramer Declaration ¶ 445)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -847 (entirety of box under "Margin Impact (2019 - 2022)").	Google (Cramer Declaration ¶ 446)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -848 (text in title between "against" and "of margin"; entirety of box under slide title; text below box between "includes" and "and also").	Google (Cramer Declaration ¶ 447)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -850 (entire box under slide title "Developer Value View").	Google (Cramer Declaration ¶ 448) Nintendo (Exhibit B50, Singh Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -851 (entire box under slide title "Developer list").	Google (Cramer Declaration ¶ 449)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -852 (entire box next to "Developer Eligibility"; entire box next to "Developer Obligations").	Google (Cramer Declaration ¶ 450)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -853 (title text between "Hug Devs:" and "and"; between "and" and "FTE"; and entire box below the title).	Google (Cramer Declaration ¶ 451)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -854 (title text from the beginning of the title until "for Hug devs"; from "for Hug devs" until the end of the title; and entire box below the title).	Google (Cramer Declaration ¶ 452)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -857 (subtitle text from "Project Play Spend =" until the end of that sentence; entirety of box under the subtitle).	Google (Cramer Declaration ¶ 453)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -859 (all rows and footnotes beneath the first row entitled "Payment & duration"; entire speaker notes at the bottom of the slide).	Google (Cramer Declaration ¶ 454)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, Pages -859 through -860 (entire pages filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -860 (entire first row under the slide title; first bullet point under "Must haves" in the second row; the very last bullet point under "Additional asks..." in the second row).	Google (Cramer Declaration ¶ 455)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -861 (both bullet points in the first row to the right of the row title "Product"; both bullet points in the second row to the right of the row title "Financial").	Google (Cramer Declaration ¶ 456)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -862 (all 3 bullet points in the second row under "Mitigation"; the text under "Play band dilution" and to the right of "Mitigation"; and both bullet points under "Mitigation").	Google (Cramer Declaration ¶ 457)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -863 (under "Assumptions" the first bullet and its header; the third bullet and its header; and the fourth bullet and its header).	Google (Cramer Declaration ¶ 458)	
Exhibit A22 - Ex. 36 to Class Certification Motion	Exhibit 36, page -864 (text in the subtitle between "Integrate Samsung with" and "to help drive"; the entire chart including footnotes under "Proposal / Details / Considerations").	Google (Cramer Declaration ¶ 459)	
Exhibit A23 - Ex. 37 to Class Certification Motion	Exhibit 37, page -271 (text before "prep doc"; between "one of" and "most important"; "partners" and "wanted to show"; under "Android Activations", text before "but sliding due to China brands" and all figures underneath; all dollar figures and percentages under "Mobile (Search) rev share (USD)"; all percentages under "Assistant"; dollar figure under "LCS / GCAS"; under "Android product" the text between "Foldables" and "The teams are"; under "Google Assistant & Bixby Status" all text between "integration for" and "announced at" and "did open up"; "Google 1P services on" and "announced" and "that four Google services (Maps, YT, Play, Gmail) would be available via" and "We worked with" and "and the respective Google app teams"; "process of implementing" and "on for" and "and" and "and this should go live in" and "This builds on the mobile backfill implementation which went live in" until end of sentence; "opportunities with" and "and had").	Google (Cramer Declaration ¶ 460)	
Exhibit A23 - Ex. 37 to Class	Exhibit 37, page -271 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion			
Exhibit A23 - Ex. 37 to Class Certification Motion	Exhibit 37, page -272 (between "about it at" and "Still much to"; "Need to sign ASAP" and "We do not have"; "Expiring at the" and "Will pursue"; "to cover" and "under current deal"; "Expires at the" and "Will start renewal"; "Hope to secure" and "with EMADA signature"; "App distribution" and "This started"; "hear that" and "is actively"; "distribution through" and "first or instead"; "also moved the" and "to sit on the"; "Product excellence" and "Product excellence will be"; "and privacy" and "will launch in" and "and looks"; "gallery on all" and "devices"; "starting with" and "We had"; "million users from" and "to Google Photos"; "Browser." and "is putting Chrome"; "carrier devices and" and "We believe"; "from Carrier RSAs" and "is considering whether"; "Co-Marketing Partnership" and "has agreed"; "the existing" and "buyers (launching with the" and "and" and "Contract to be finalized"; position GCP with" and "as the most trusted"; "and also help" and "Specifically"; "Help" and "Cloud Platform"; "GCP for" until end of bullet; "Help" and "AI team to build"; "to meet" until end of bullet).	Google (Cramer Declaration ¶ 461)	
Exhibit A23 - Ex. 37 to Class Certification Motion	Exhibit 37, page -273 (between "to work with" and "to integrate"; "starting with" and "This is complementary to" and "On the AR front"; "is strong" and "in the news" and "has big earnings miss due to slowness in component demand, pressure on smartphone business" and "partners with Apple to bring iTunes, AirPlay support to" until end of sentence).	Google (Cramer Declaration ¶ 462)	
Exhibit A24 - Ex. 38 to	Exhibit 38, Page -174 (between "update" and "BC". Slide at -176, all	Google (Cramer Declaration ¶ 463)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion	percentage figures; between “slowdown in” and “spend in Q2” and “spend launch to date” until end of sentence. Slide at -177, text before “BC Review”. Slide at -178, text before “Hug developers have signed or are in active redlines”; text after “Improve dev sentiment”; text before “is a critical Holdout”; text before “is strategic to Google”; between “portfolio drives” and “of play revenue” and “is assessing”; “payments platform” and “margin risk”; all text after “Revised Hug deal for”. Slide at -179, text before “requires a bespoke”; between “off Play” and “margin risk”; text before “holds significant”; between “which includes” and “top grossing game devs” and “by MAU; “In game” and “drive”; “platform for” and “Play has no”; text before “Play margin at risk through 2023, assuming contagion”; between “partner with Play” and “when linked with GVP incentives”. Slide at -180, between “deal to incentivize” and “to grow” and “on Play; expected investment” until end of sentence; each bullet under “Google Gets”; text after “Now for”; between “Build” and “business on Play Payments Invest in strategic features” until end of sentence; text after “GCP credits were approved as”; text after “Capped at max”; all text in columns on the right side of the slide. Slide at -181, text after “For” in the top blue box; text after “Start negotiations with”. Slide at -187, text in blue boxes after “e.g.”; text after “Examples.”; between “Play Status.” and “in beta w/ consumption-only” and “uses Play billing today (but no rev share)”; between “Example.” and “Bus. model.” and “collects”. Slide at -189, all images on slide; text before “subscription”. Slide at -190, all images on slide; text before “demo		

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	app is consumption-only today”; text before “demo library”; between “though” and “has indicated”. Slide at -191, all images and text besides “Subs from the app,” “A full storefront, contractual relationships with devs,” and “Purchases for titles and IAP”. Slide at -192, all images and text besides “distributed from multiple stores”. Slide at -193, all images and text besides “streaming from a PC Platform”. Slide at -195, text before “violates policy”; text after “Need to remediate”; text before “not available on iOS”; text before “transactions only”; text before “with full compliance”. Slide at -196, text before “is in violation”).		
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -807 (from "gaming developers and promoting Play on" through the end of that sentence; and from "and OEMs leveraging distribution (e.g.)" through the end of that sentence).	Google (Cramer Declaration ¶ 464)	
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -808 (third bullet, from "Play revenue is" through the end of the bullet; between "This context results in" and "for Play Business"; between "risk facing Play to ramp to ~" and "revenue /"; between "revenue /" and "margin impact"; between "impact annually in" and "years"; between "years (" and "revenue /"; between "revenue /" and "margin risk"; between "and with" and "who has renewed"; from "and investment in" through the end of that sentence; bullet E, the very first word; between "Drive" and "commercial agreement"; between "with" and "to support their goals"; between "to create" and "while promoting Play"; between "Play on" and "and improving the Android").	Google (Cramer Declaration ¶ 465)	
Exhibit A25 - Ex. 39 to Class	Exhibit 39, page -809 (between "B." and "Partnership"; first bullet, from the start of the sentence until "lump	Google (Cramer Declaration ¶ 466)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion	sum annual" and between "annual payment for" and "years"; second bullet, between "Up to" and "annual Play Points"; between "discounts for" and "to"; between "to" and "buyers"; fourth bullet, the entire bullet; and from "Ask to BC:" through the remainder of the page).		
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -809 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -810 (between "offerings over the" and "per assumption"; between "Although the above" and "estimate is an"; between "self-medicate" and "through"; between "through" and "and 2"); between "we now foresee" and "of incremental margin"; between "could yield" and "in margin to offset"; between "Developers commit to" and "of titles").	Google (Cramer Declaration ¶ 467)	
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -811 (first bullet, very first word; between "updates) to" and "games/apps"; between "Play and" and "improve Android gaming"; between "through" and "adopting Android Gaming Standard"; second bullet, between "Revenue risk mitigation:" and "of revenue"; between "of revenue" and "of margin"; between "2019-2022 (" and "of revenue /" between "of revenue /" and "margin risk in 2022"; in the table, under Risk column, between "timing and whether" and "deal would sign"; in the table, under Mitigation column, from the start of the last sentence until "max in a given quarter").	Google (Cramer Declaration ¶ 468)	
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -812 (under Ads Finance section, between "UAC Credits of" and "are a one time"; between "grants do not exceed" and "of UAC Game Launch"; between	Google (Cramer Declaration ¶ 469)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	"Max of" and "of Ads Credits used"; under Pros section, between "Potentially mitigate" and "in cumulative revenue"; and between "revenue and" and "in margin risk").		
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -813 (between "Revenue transfer from Play to Cloud (for" and "of credits value"); between "Mobile gaming is growing fast on YouTube" and "similar past deals with game pubs").	Google (Cramer Declaration ¶ 470)	
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, page -814 (between "Ads Credits of" and "will not impact"; between "No more than" and "of credits are"; between "If" and "lands, how does that impact"; between "as the" and "opportunity looks"; between "Finance Recommendation: if" and "lands then Top Developer").	Google (Cramer Declaration ¶ 471)	
Exhibit A25 - Ex. 39 to Class Certification Motion	Exhibit 39, pages -807 (email usernames at 7:47pm); -815 (email username).	Google (Cramer Declaration ¶ 472)	
Exhibit A26 - Ex. 40 to Class Certification Motion	Exhibit 40, page -725 (between "met with" and "Director;" between "BD for" and "and while;" between "Play and" and the end of the sentence; between "competitor to" and "and that;" between "having" and "and some;" and between "ensure" and "is on").	Google (Cramer Declaration ¶ 473)	
Exhibit A26 - Ex. 40 to Class Certification Motion	Exhibit 40, page -725 (between "realize" and "ended;" between "ended up at" and "(I worked;" between "how the" and "app;" and between "purchased on" and "or integrate").	Google (Cramer Declaration ¶ 474)	
Exhibit A26 - Ex. 40 to Class Certification Motion	Exhibit 40, pages -725 (email usernames at 7:16am, 10:46pm, 1:44pm, 1:28pm, and in email signatures); -726 (email usernames at 8:53pm and in email signatures); -727 (phone number).	Google (Cramer Declaration ¶ 475)	
Exhibit A26 - Ex. 40 to	Exhibit 40, pages -726 to -727 (between "8:53 PM" and "wrote;"	Google (Cramer Declaration ¶ 476)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion	between "on our" and "app;" between "Preview app in" and "on the Play;" full line under "Kind regards;" and the text after the word "cell").		
Exhibit A27 - Ex. 41 to Class Certification Motion	Exhibit 41, page -379 (figures under "Summary of Play Performance"; between "to grow at" and "Y/Y"; "now" and "Y/Y"; "combined" and "Y/Y"; "Apps & Games" and "Y/Y growth"; "in place" and "Y/Y growth"; "noted as" and "it is mostly"; "level are" and "QTD"; entire chart in middle of page).	Google (Cramer Declaration ¶ 477)	
Exhibit A27 - Ex. 41 to Class Certification Motion	Exhibit 41, page -380 (all percentage figures; entire charts at top and bottom of page).	Google (Cramer Declaration ¶ 478)	
Exhibit A27 - Ex. 41 to Class Certification Motion	Exhibit 41, page -381 (between "of users" and "Y/Y"; "such as" and "(2) Retention"; "as the" and "are performing"; "increase significantly" and "from pre-COVID"; "cover over" and "titles"; "already" and "YOY"; "note here is" and "who has"; "markets being" and "in aggregate"; "over" and "partners"; "over" and "an" and "increase"; "segment" and "usage"; "install" and "uninstall").	Google (Cramer Declaration ¶ 479)	
Exhibit A27 - Ex. 41 to Class Certification Motion	Exhibit 41, page -382 (between "more than" and "apps on Play"; "cleaned up" and "apps on Play"; "rate from" and "Our investment"; "with" and "more malware"; "almost a" and "improvement"; "more than" and "in Ad Fraud"; "game developers" and "in cross-Google").	Google (Cramer Declaration ¶ 480)	
Exhibit A27 - Ex. 41 to Class Certification Motion	Exhibit 41, page -383 (between "reinvests" and "of partners"; "have signed" and "covering"; "make up" and "of annual Play"; "e.g." and "and these developers"; "efficiency" and "case study"; "very successful" and "User engagement"; "is strong" and "We plan"; "all HVUs*" and "of Play spend"; "achieve" and "enrolled"; "of 2021" and "Moving gaming";	Google (Cramer Declaration ¶ 481)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	"opportunity" and "global market"; "Examples include" and "Of particular"; "developers like" and "have been"; "in the US" and "points"; "in EEA" and "and" and "points in JP" and "in Q1 2020"; "resulted in" and "missing new activations").		
Exhibit A27 - Ex. 41 to Class Certification Motion	Exhibit 41, page -384 (between "deal example" and "was preparing;" "to bring" and "to mobile"; everything after "partnering with Play and Google").	Google (Cramer Declaration ¶ 482)	
Exhibit A28 - Ex. 42 to Class Certification Motion	Exhibit 42, page -696 (bottom bullet, between "Decide on" and "approach"; "for" and "as part of").	Google (Cramer Declaration ¶ 483)	
Exhibit A28 - Ex. 42 to Class Certification Motion	Exhibit 42, page -696 (first bullet, between "three FYIs" and "back in the mix"; "2.0" and end of sentence).	Google (Cramer Declaration ¶ 484)	
Exhibit A28 - Ex. 42 to Class Certification Motion	Exhibit 42, page -696 (third bullet, between "let us use" and "as an upfront"; "over" and "years"; "complicate things" and "GVP"; "has a" and "HOWEVER"; "per year, say" and "/ year"; "total of" and "over"; "over" and "years"; "If" and " does not hit"; "warrants only" and "in esports"; "the original" and "CAC"; "If" and "overperforms"; "featuring" and "or to product").	Google (Cramer Declaration ¶ 485)	
Exhibit A28 - Ex. 42 to Class Certification Motion	Exhibit 42, page -696 (third bullet, between "Mana and" and "approved by"; "both" and "and"; "and" and "to get").	Google (Cramer Declaration ¶ 486)	
Exhibit A28 - Ex. 42 to Class Certification Motion	Exhibit 42, page -697 (top bullet, between "Decide on" and "approach"; "prioritization and" and "Hug status").	Google (Cramer Declaration ¶ 487)	
Exhibit A28 - Ex. 42 to Class	Exhibit 42, page -696 (email usernames at 1:38am, 7:56pm, 11:54, 3:51pm), -697 (email signature).	Google (Cramer Declaration ¶ 488)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion			
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 362, line 16 (from start of sentence until "but I want to talk").	Google (Cramer Declaration ¶ 489)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 362, line 6 (between "Did" and "and Google").	Google (Cramer Declaration ¶ 490)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 363, lines 4-6 (from "developers were" through the end of the sentence"); lines 10-11 (between "terms" and "right?"); lines 12-13 (from "asks that" through the end of the sentence); lines 14-15 (between "Project Hug" and "right?"); lines 20-21 (between "agreements" and "right?"); and line 25 (from "define as" to the end of the page).	Google (Cramer Declaration ¶ 491)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 364, lines 1-7 ((in their entirety); line 10 (between "secure this" and "for top titles"))).	Google (Cramer Declaration ¶ 492)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 365, lines 6-7 ((from "with Google" through the end of that sentence); lines 10-14 (the entirety of the answer); line 16 (between "one of the" and "that you've"); lines 19-22 (from "For the most part" through the end of the answer); and lines 24-25 (between "Again" and "developers can choose"))).	Google (Cramer Declaration ¶ 493)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 366, lines 3-10 (from "ask us by" through the end of the answer).	Google (Cramer Declaration ¶ 494)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 367, lines 1-2 (between "get games that" and "right"); lines 6-9 (from "developers" through the end of that sentence).	Google (Cramer Declaration ¶ 495)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 368, lines 17-18 (from "was" to the end of that sentence); line 19 (between "was to" and "and"); lines 20-21 (from "then also" to the end of that sentence).	Google (Cramer Declaration ¶ 496)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 369, line 20 ((between "after" and "and Google"); line 21 (between "reached a deal" and "wanted to"); line 22, (between "I do recall" and "wanting to talk"); lines 23-24 (between "way the" and "Google partnership"))).	Google (Cramer Declaration ¶ 497)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, page 369, lines 8-9 (between "today that" and "was to have").	Google (Cramer Declaration ¶ 498)	
Exhibit A29 - Ex. 43 to Class Certification Motion	Exhibit 43, pages 364-365, lines 364:24-365:1 (from "developers to" through the end of the sentence).	Google (Cramer Declaration ¶ 499)	
Exhibit A30 - Ex. 44 to Class Certification Motion	Exhibit 44, page -690 ((three bullets under "GVP 1.0 Impact Assessment"); page -694 (images and logos on the left; between "GVP targeted" and "major game"; between "(e.g.," and "of total Play"); page -695 (between "eg" and "xPA"); page -697 (text before "target devs signed"); all dollar and percentage figures; between "100% of titles" and "on Play"; between "on Play" and titles); fourth bullet under "1) Prioritize Play" first bullet under "3) Improve Sentiment" between "to date (" and "devs asked pre"); page -698 (percentage figure in title; text before "target) devs" in title; images of logos on the right; text before "is signing up"; graphic below title "2019 Play A&G Spend"); pages -699 and -700 (all percentage and dollar figures on slide and text; all text in bullets under "Cloud Deals:"); all text before "new customer," "and new title," and "Expected to 40x spending"); page -	Google (Cramer Declaration ¶ 500) Aniplex (Exhibit B9, Toyoma Declaration) Anonymous Non-Party* Anonymous Non-Party* Bandai Namco (Exhibit B14, Datum Declaration) Century Games (Exhibit B16, Jin Declaration) MLB* Niantic (Exhibit B31, Shouger Declaration) Nintendo (Exhibit B50, Singh Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	<p>701 (all images of logos); page -702 (between “Outside of” and “who is singularly”; all entries in first column on the left); page -703 (text after “Strategic partnership with”; all entries in first column on the left); page -705 (all dollar figure and percentage figures on slide); page -706 (entire bar graph); page -707 (all dollar figure and percentage figures on slide; entire chart); page -710 (title between “An” and “for game developers”; entire graphic beneath “New to Play PC/Console Devs” and “On Play "enterprise" Developers”; all text underneath slide except “Both” and “meet the criteria”); page -711 (all text underneath column titled “Comments”); page -712 (bullet points underneath “Google Gives” and “Google Gets (contractual)”); page -713 (all dollar figure and percentage figures on slide; entire chart; text before “GVP 2.0 developers offer” in fourth bullet point; partner names identified in Footnote 1; between “already getting” and “of Play” in Footnote 2); page -715 (two graphics on the right and left in the center of the slide; figure between “offered at” and “& met the following”; figure between “Google footprint,” and “incremental Google”; figure after “against investment of”); page -717 (text beneath “Google Gives” and “Google Gets”); page -718 (text in boxes below “Runway”, “GVP”, and “GVP (in conjunction w/ Runway”); page -719 (all text in boxes under “Option 1”, “Option 2”, and “Option 3 (R)”; page -722 (all dollar figure and percentage figures on slide; figures in the row titled “# of developers”) text in “Google Gets” row; text in “Term” row;); page -725 (all dollar figure and percentage figures on slide); page -726 (first three values in the boxes on the right); page</p>		

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	<p>-728 (title between “with” and “offers”; all dollar figures; logos and images under “Top Games Bundle Offer”); page -728 (images and logos; text under slide between “world of” and “interact with”); page -730 (all dollar figures, percentages, and numerical values in graphic on slide; all text underneath slide); page -731 (all text underneath title); page -732 (all dollar figure and percentage figures on slide; entire chart; first bullet point: text before “developers expected” and between “sign a deal with” and “developers”); page -733 (all dollar figure and percentage figures under “Actual”); page -734 (all dollar figure and percentage figures on slide; first bullet point underneath Key Highlights, text before “receviing UAC credits” and between “part of Hug with” and “in credits received”); page -735 (all dollar figure and percentage figures on slide; entire chart; non-party identities underneath slide); page -736 (all dollar figure and percentage figures on slide; entire chart); page -737 (all dollar figure and percentage figures on slide; entire chart; non-party identities underneath slide); page -738 (entire chart); page -739 (all images of logos); page -740 and -741 (all non-party names and identities); page -741 (all text in the four boxes); page -743 (all text in the “Google Gets” and “Google Gives” rows); page -744 (text underneath “DevRel Consultations,” “YT Influencers,” “UAC credits,” “YT channel growth”); page -745 (text in rows for “eligibility criteria” and “Play % reinvested”; all text in the “Google Gives” and “Google Gets” rows); page -746 (all dollar figure and percentage figures on slide; entire chart; non-party identities); page -749 (between “we have signed up” and</p>		

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	“target devs;”); page -753 (text below “Deal structure option 1”, “Deal structure option 2”, “Deal structure option 3 (R)”); page -754 (text below “Deal structure option 1”, “Deal structure option 2”, “Deal structure option 3 (R)”); page -757 (all dollar figure and percentage figures on slide)).		
Exhibit A30 - Ex. 44 to Class Certification Motion	Exhibit 44, pages -757.R (email username in the fourth row of the table, between "@" and "@google.com").	Google (Cramer Declaration ¶ 501)	
Exhibit A31 - Ex. 46 to Class Certification Motion	Exhibit 46, page -885 (between "options for" and "Google; "going forward" and "Google"); page -891 (between "Profit Pools" and "Strategy Group"); page -902 (text underneath "Q2 '12 Samsung share" below each chart and the corresponding percentage value); page -906 (between "Annual reports;" and "Strategy OEM"); page -908 (between "experience vs." and "and other Android" in the title; text for the column title in between the columns "Samsung" and "Apple"; text to the right of "Touch-Wiz" and "S Health"; text in the second bullet at the bottom of the slide before "controls very little HW or SW"); page -909 (between "should enable" and "to reduce DVX MCPU from" and end of sentence); page -913 (between "Profit Pools" and "Strategy Group"); page -915 (text on the second bullet before "Google strategic choices/options"); page -916 (text before "Google Have 5 Strategic Choices to Win Big"; text in the bullet before "status quo". Slide at -941, text after "North America: Samsung building share; HTC," and "Samsung, LC gaining"); page -944 (between "Each Alternative Requires" and "to Place Key Bets"); pages -884 to -960 (the text on bottom left between "2013" and "Confidential Restricted").	Google (Cramer Declaration ¶ 502)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A32 - Ex. 47 to Class Certification Motion	Exhibit 47, page -339 (entire page).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A32 - Ex. 47 to Class Certification Motion	Exhibit 47, page -344 (entire page).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A32 - Ex. 47 to Class Certification Motion	Exhibit 47, page -341 (entire page).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A32 - Ex. 47 to Class Certification Motion	Exhibit 47, page -343 (entire page).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A33 - Ex. 48 to Class Certification Motion	Exhibit 48, page -924 (between "developers talk about" and "initiatives (being)"; between "as well as for" and "initiatives"; and between "projects), and" and "I don't think").	Google (Cramer Declaration ¶ 503) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A33 - Ex. 48 to Class Certification Motion	Exhibit 48, page -924 (between "February about" and "an initiative"; between "between" and "and"; between "and" and "of consumer"; between "spend for" and "I don't think"; from "very impactful." through the end of the paragraph).	Google (Cramer Declaration ¶ 504) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A33 - Ex. 48 to Class Certification Motion	Exhibit 48, page -924 (between "for distribution more often in the future" and "a few other comments").	Google (Cramer Declaration ¶ 505) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A33 - Ex. 48 to Class Certification Motion	Exhibit 48, page -924 and -925 (between "Three things come to mind" and "for a period"; between "usually months" and "can comment"; between "on effectiveness" and "IMHO, preloads (whether auctioned or otherwise)").	Google (Cramer Declaration ¶ 506) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A33 - Ex. 48 to	Exhibit 48, page -925 (between "having with Samsung this week" and	Google (Cramer Declaration ¶ 507)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion	"Speed is better than completeness on this").	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A33 - Ex. 48 to Class Certification Motion	Exhibit 48 (entire exhibit).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A33 - Ex. 48 to Class Certification Motion	Exhibit 49 (entire exhibit).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A34 - Ex. 49 to Class Certification Motion	Exhibit 49, pages -430, -431, and -432 (title on page -430 before "Store Agreement Term Sheet"; between "agreement between" and "and Google Inc."; the text in the third column on the right before "position"; all text in every row underneath third column).	Google (Cramer Declaration ¶ 508)	
Exhibit A35 - Ex. 50 to Class Certification Motion	Exhibit 50, page -818 (title of document; the first row under "Name Title & Position Scope & relevance to Google"; all text under "Planned Agenda").	Google (Cramer Declaration ¶ 509) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A35 - Ex. 50 to Class Certification Motion	Exhibit 50, page -819 (all text in every row underneath columns for "Additional context on meeting agenda items" and "Suggested talking points/ things to keep in mind").	Google (Cramer Declaration ¶ 510) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A35 - Ex. 50 to Class Certification Motion	Exhibit 50, pages -820, -821, -822, 823, and -824 (all text and images besides "ADDITION/L CONTEXT ONLY FOR FYI - DO NOT EXPECT THIS TO COME UP IN THE MEETING" on -821 and "MEETING MINUTES" on -823).	Google (Cramer Declaration ¶ 511)	
Exhibit A35 - Ex. 50 to Class Certification Motion	Exhibit 50, pages -818, -819, -820, -823 (entire pages).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class	Exhibit 51, page -817 (between "come back with" and "I think we should"; "with things" and "Because at that";	Google (Cramer Declaration ¶ 512)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion	"at one point we had" to end of sentence).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, page -817 (between "revenue share rate is" and "after" and "deduction"); between "revenue share on" and "to"; to" and "I'd increase the revenue share"; "the revenue share on" and "to"; "to" and "I'd reduce the revenue share"; "revenue share on" and "to"; "to" and "This saves around"; "This saves around" and "in"; "in" and "over"; "over" and "years;"The" and "is what can be allocated"; "allocated toward i)" and "ii); "ii)" and "and iii"; "and iii)" and "for Ruth/Sundar"; "for sensitivity" and "With respect to Cloud"; "withhold the first" and "of payment from"; "of payment from" and "revenue share"; "escrow" and "In year 2"; "the first" and "In year 3"; "the first" to end of the sentence).	Google (Cramer Declaration ¶ 513) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, page -817 (between "they ask for" and "but at some point").	Google (Cramer Declaration ¶ 514) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, page -817 (between "We proposed" and "over four years in flat"; between "and have BC approval to go to" and "over four years. If they come back"; "asking for" and "it wouldn't likely").	Google (Cramer Declaration ¶ 515) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, page -818 (between "I'm talking to" and "tomorrow"; "afternoon about" and "If helpful").	Google (Cramer Declaration ¶ 516) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, page -818 (between "my conversation with" and "today"; "brought up" and "and referenced"; "conversation with" and end of that email).	Google (Cramer Declaration ¶ 517) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class	Exhibit 51, page -818 (between "Thanks, in some ways" to end of sentence).	Google (Cramer Declaration ¶ 518)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion		Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, page -819 (between "Called" and "Fingers crossed").	Google (Cramer Declaration ¶ 519) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, pages -816 (email usernames at 4:39pm), -817 (email usernames at 8:57am, 7:17am, 6:06pm, 5:53pm emails), -818 (email usernames at 5:44pm, 5:12pm, 8:06pm, 7:57pm emails), -819 (email usernames at 7:36pm emails).	Google (Cramer Declaration ¶ 520) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51, pages -816 and -817 (between "land everything" and "is a good idea"; between "Jamie's question" and "Longer version"; between "In 2018" and "devices were"; between "responsible for" and "revenue through Android"; between "is around" and "Approximately" and "revenue on" and "devices flows through" and "through Chrome. The rest through the widget" and "spends around" and "per year on cloud"; between "-Approximately" and "of" and "revenue flows through Europe"; between "payload contains" and "The things"; between "in the RSA are" and "this could be structured").	Google (Cramer Declaration ¶ 521) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A36 - Ex. 51 to Class Certification Motion	Exhibit 51 (entire exhibit).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A37 - Ex. 52 to Class Certification Motion	Exhibit 52, page 117, lines 5-8 (between "for" and "to essentially" and "right?"; lines 12-22 between "you told" and "as I," and "that" and "right"; "it" and "correct").	Google (Cramer Declaration ¶ 522) Samsung (Exhibit B38, Lee Declaration)	
Exhibit A37 - Ex. 52 to Class Certification Motion	Exhibit 52, page 118, lines 5-15 and 25 (between "response" and "as you"; "report" and "of" and "told you" and "that was what" and "interpreted";	Google (Cramer Declaration ¶ 523) Samsung (Exhibit B38, Lee Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	"your words were that" until end of sentence; "from" and "to").		
Exhibit A37 - Ex. 52 to Class Certification Motion	Exhibit 52 (entire exhibit).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A38 - Ex. 54 to Class Certification Motion	Exhibit 54, page -485 (between "communicated to" and "Thanks"; "Google and" and "will work"; "Google and" and "will jointly"; "mantain" and "as the primary"; "mobile gaming" and "must take over"; "maintenance of" and "with Google"; "involvement from" and "needs to be included in"; "included in" and "either as part of"; "first launch of" and "or a subsequent"; "upon time)" and "and Google"; "games to" and "for portability"; "Android and" and "should not introduce"; "4th platform" and "to confuse"; "confuse developers" and "and/or Google may"; "mobile platforms" and "needs to work"; "honor the" and "revenue share for the first"; "revenue share applies." and "revenue share to developers"; "exclusive to" and "for the first 90 days"; "90 days" and "needs to commit"; and "tier-1" and "native"; "native" and "quality titles"; "quality titles and" and "titles"; "anchor" and "native"; "native and" and "launch titles"; "first device" and launch"; "launch of" and "1st and 2nd party"; "devices or platforms" and "needs to commit"; "promote games in" and "on Android Market").	Google (Cramer Declaration ¶ 524)	
Exhibit A38 - Ex. 54 to Class Certification Motion	Exhibit 54, page -485 ((email usernames); page -486 (email usernames at the 1:37pm and 11:05am email times)).	Google (Cramer Declaration ¶ 525)	
Exhibit A38 - Ex. 54 to Class	Exhibit 54, page -486 (between "Cancel" and "for good"; "back to" and "and ask them"; "Given the" and	Google (Cramer Declaration ¶ 526)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion	"is canceled"; "in order to get" and "gaming into Android"; "solution includes" and "can't be the supplier; "you want for" and "and we'll agree").		
Exhibit A38 - Ex. 54 to Class Certification Motion	Exhibit 54, page -486 (between "listed below" and "not being able"; "Assuming" and "management"; "cancel the" and "device project"; "working with" and "still has value"; "year due to" and "Let them know"; and "interesting beyond" and "If they can meet"; "communicate this to" and "and"; "and" and "I presume"; "leverage" and "inability to deliver").	Google (Cramer Declaration ¶ 527)	
Exhibit A38 - Ex. 54 to Class Certification Motion	Exhibit 54, page -487 (between "met with" and "Thursday and Friday"; "progress on" and "It is becoming clear"; "is that while" and "Current model will"; "valuable games" and "In addition"; "due to" and "For example"; "the list of" and "titles"; "it involves" and "Below are the details."; "our positions to" and "senior management"; "from an Android/" and "partnership").	Google (Cramer Declaration ¶ 528)	
Exhibit A38 - Ex. 54 to Class Certification Motion	Exhibit 54, page -487 and -488 (between "Thanks Eric" and "Strategy Ownership"; "Ownership & Evolution" and "Having a core part"; "Google and" and "or structured"; "development of Z..." and "It is clear"; "details level" and "We either need"; "to include" and "into" and "or we need" and "to commit"; "written natively to" and "or" and "to the other system").	Google (Cramer Declaration ¶ 529)	
Exhibit A38 - Ex. 54 to Class Certification Motion	Exhibit 54, page -488 (between "to the other system" and "Business Direction; "Wall Garden" and "To make this work"; "2 paths" and "expiration"; "exclusivity and" and "revenue share"; "enable" and "to harvest"; "to not include" and "is a carrier").	Google (Cramer Declaration ¶ 530)	
Exhibit A38 - Ex. 54 to Class	Exhibit 54, page -488 and -489 (between "Since" and "It seems"; "seems that" and "is serious";	Google (Cramer Declaration ¶ 531)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion	"message to" and "senior management").		
Exhibit A39 - Ex. 55 to Class Certification Motion	Exhibit 55, page 415, line 24, to page 416, line 3 (from "What I meant is that" through end of sentence).	Google (Cramer Declaration ¶ 532)	
Exhibit A39 - Ex. 55 to Class Certification Motion	Exhibit 55, page 415, lines 10-19 (between "you write, 'AlleyOop is essentially" and "First of all," between "you wrote here 'AlleyOop is essentially" and "did you mean like," and between "did you mean like" and "or did you mean something else").	Google (Cramer Declaration ¶ 533)	
Exhibit A40 - Ex. 56 to Class Certification Motion	Exhibit 56, page -542 (text in parentheses after "physical goods"; between "in-app ads". and "monetize at all").	Google (Cramer Declaration ¶ 534)	
Exhibit A40 - Ex. 56 to Class Certification Motion	Exhibit 56, Page -542 (entire page filed under seal).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A40 - Ex. 56 to Class Certification Motion	Exhibit 56, page -547 (entire figure).	Google (Cramer Declaration ¶ 535) AppLovin (Exhibit B12, Cacovean Declaration) Aniplex (Exhibit B9, Toyoma Declaration) Meta (Exhibit B28, Meiring Declaration) Nintendo (Exhibit B50, Singh Declaration)	
Exhibit A40 - Ex. 56 to Class Certification Motion	Exhibit 56, page -552 (between "Observe" and "not using GPB").	Google (Cramer Declaration ¶ 536)	
Exhibit A40 - Ex. 56 to Class Certification Motion	Exhibit 56, page -553 (the second bullet under "Impact"); pages -557 and -558 (between "Fortnites" and "Only applicable").	Google (Cramer Declaration ¶ 537) Meta (Exhibit B28, Meiring Declaration)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A41 - Ex. 59 to Class Certification Motion	Exhibit 59, page 8, lines 24-25 (noting home address).	Consumer Plaintiffs (Herkenhoff Declaration ¶ 2)	
Exhibit A42 - Ex. 60 to Class Certification Motion	Exhibit 60, page 10, lines 23-24 (noting date of birth).	Consumer Plaintiffs (Herkenhoff Declaration ¶ 2)	
Exhibit A43 - Ex. 61 to Class Certification Motion	Exhibit 61, page 6, lines 19-20 (noting home address).	Consumer Plaintiffs (Herkenhoff Declaration ¶ 2)	
Exhibit A44 - Ex. 63 to Class Certification Motion	Exhibit 63, page 9, lines 5-6 (noting home address).	Consumer Plaintiffs (Herkenhoff Declaration ¶ 2)	
Exhibit A44 - Ex. 63 to Class Certification Motion	Exhibit 63, page 81, line 21 (noting email address).	Consumer Plaintiffs (Herkenhoff Declaration ¶ 2)	
Google's Opposition to the Motion for Class Certification			
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 004 (between "service fees at 15%" and "or"; between "or" and " Id. ¶ 84."; and between "deals accounts for" and "of U.S. consumers' spend").	Google (Cramer Declaration ¶ 544)	
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 006 (between "2019 through 2021" and "of U.S. consumers"; and between "approximately" and "of U.S. consumers").	Google (Cramer Declaration ¶ 545)	
Exhibit A45 - Defendants' Opposition to Class	Page 017 (between "accounted for" and "of total U.S. consumer spend").	Google (Cramer Declaration ¶ 540)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Certification Motion			
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 017, line 15 (the single word following "fees and incentives, and") and line 16 (from after "negotiated" to the end of the sentence).	Epic Games (Exhibit B4, Even Declaration)	
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 017, lines 15-16.	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 018 (between "Olean, 31 F.3d at 669 n.13." and "of U.S. consumers"; and between "Play Points and" and "redeemed Play Points").	Google (Cramer Declaration ¶ 541)	
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 019 (between "less than" and "—would have been").	Google (Cramer Declaration ¶ 542)	
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 020 (between "fee structures, such as" and "Burtis ¶¶ 187–89, 201"; and from "alternative business models such as" to the end of the sentence).	Google (Cramer Declaration ¶ 543)	
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 020-21 (between "documents show that" and "could increase the quality").	Google (Cramer Declaration ¶ 538)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A45 - Defendants' Opposition to Class Certification Motion	Page 021, footnote 15 (between "billing service and pay" and "if, as Plaintiffs claim").	Google (Cramer Declaration ¶ 539)	
Exhibit A46 - Ex. C to Burtis Declaration	Exhibit C, Revised Exhibit 23 of Burtis Report (entire chart).	Google (Cramer Declaration ¶ 546)	
Exhibit A47 - Ex. G to Shah Declaration	Exhibit G, page 288 (between "case is that at" and "percent or whatever"; between "when it's set at" and "percent").	Google (Cramer Declaration ¶ 547)	
Exhibit A47 - Ex. G to Shah Declaration	Exhibit G, page 289 (between "subsidy was at" and "percent or whatever"; between "imagine instead of a" and "it was 0.0 or 0.0001").	Google (Cramer Declaration ¶ 548)	
Exhibit A47 - Ex. G to Shah Declaration	Exhibit G, page 295 (between "conceive that" and "is so paltry").	Google (Cramer Declaration ¶ 549)	
Exhibit A47 - Ex. G to Shah Declaration	Exhibit G, page 298 (between "when you get" and "back on a hundred"; between "hassle for the" and "subsidy.").	Google (Cramer Declaration ¶ 550)	
Exhibit A47 - Ex. G to Shah Declaration	Exhibit G, page 310 (between "service fee rate of" and "percent on in-app").	Google (Cramer Declaration ¶ 551)	
Exhibit A48 - Ex. J to Shah Declaration	Exhibit J, page 355 (between "let's say we" and "or let's say we"; between "or let's say we" and "you might see much").	Google (Cramer Declaration ¶ 552)	
Consumer Plaintiffs' Reply In Support of the Motion for Class Certification			
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 001, lines 23-24 (between "by forcing it to" and "or to reduce security"; between "Speculation that" and "for the first time in its history").	Google (Cramer Declaration ¶ 553)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 002, line 26 (between "headline rate representing" and "of U.S. developers").	Google (Cramer Declaration ¶ 554)	
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 003, line 12-14 (between "196-98" and the end of the sentence).	Samsung (Exhibit B38, Lee Declaration)	
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 003, line 13 (between "highlights as" and "chose not").	Google (Cramer Declaration ¶ 555)	
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 003, lines 22-24 (between "that if" and "the result would"; between "the result would" and "and Google would"; and from "and Google would" to the end of the sentence).	Google (Cramer Declaration ¶ 556)	
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 010, line 10 (between "average" and "per transaction").	Google (Cramer Declaration ¶ 557)	
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 010, line 24 (between "resulting in" and "in profit"; and between "in 2020 and" and "in 2021").	Google (Cramer Declaration ¶ 558)	
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 010, line 27 (between "to" and "in 2020"; and between "2020 and" and "in 2021").	Google (Cramer Declaration ¶ 559)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Class Certification Motion			
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 010, lines 18-19 (between "competition by" and "or degrading").	Google (Cramer Declaration ¶ 560)	
Exhibit A49 - Consumer Plaintiffs' Reply ISO Class Certification Motion	Page 011, lines 4-5 (between "Mot. at 23-24" and "would run counter").	Google (Cramer Declaration ¶ 561)	
Exhibit A50 - Ex. 70 to Reply in Support of Class Certification	Exhibit 70, page 123, line 10 (between "playing" and "and").	Google (Cramer Declaration ¶ 562)	
Exhibit A51 - Ex. 71 to Reply in Support of Class Certification	Exhibit 71, pages -520.R, -522.R, -526.R to -531.R (highlighted text).	Google (Cramer Declaration ¶ 563)	
Exhibit A52 - Ex. 72 to Reply in Support of Class Certification	Exhibit 72, page 139, line 15 (between "between" and "percent").	Google (Cramer Declaration ¶ 564)	
Exhibit A52 - Ex. 72 to Reply in Support of Class Certification	Exhibit 72, page 294, line 5 (between "around" and "percent"); line 7 (between "know" and "percent"; and between "real." and "percent"); Page 297, line 1 (between "at" and "percent").	Google (Cramer Declaration ¶ 565)	
Google's Motion to Exclude Testimony of Dr. Singer on Class Certification			
Exhibit A53 - Defendants' Motion to	Page 005, lines 10-11 (between "than" and "of"; and between "only" and "of").	Google (Cramer Declaration ¶ 566)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exclude Testimony of Dr. Singer on Class Cert			
Exhibit A53 - Defendants' Motion to Exclude Testimony of Dr. Singer on Class Cert	Page 010, lines 1-3 (between "data set only reduced prices for about" and "of products"; and between "developers only reduced prices for about" and "of products").	Google (Cramer Declaration ¶ 567)	
Exhibit A53 - Defendants' Motion to Exclude Testimony of Dr. Singer on Class Cert	Page 011, lines 9-12 (between "this strategy:" and "of U.S. consumers", and between "and over" and "developers used prices").	Google (Cramer Declaration ¶ 568)	
Exhibit A53 - Defendants' Motion to Exclude Testimony of Dr. Singer on Class Cert	Page 013-14, lines 24-1 (between "are" and "of").	Google (Cramer Declaration ¶ 569)	
Exhibit A53 - Defendants' Motion to Exclude Testimony of Dr. Singer on Class Cert	Page 013, lines 22-23 (between "than" and "of"; and between "only" and "of").	Google (Cramer Declaration ¶ 570)	
Exhibit A53 - Defendants' Motion to Exclude Testimony	Page 014-15, lines 27-2 (between "approximately" and "of").	Google (Cramer Declaration ¶ 571)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
of Dr. Singer on Class Cert			
Exhibit A53 - Defendants' Motion to Exclude Testimony of Dr. Singer on Class Cert	Page 015, lines 14-18 (between "over" and "class"; between "members" and "who"; between "than" and "during"; between "over" and "million"; and between "members" and "who").	Google (Cramer Declaration ¶ 572)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 125, lines 5, 8, 13, 18, 19-20 (from "that figure is" to the end of the line; from "will drop to" to the end of the line; between "purchases is" to the end of the line; between "be" and "correct"; between "you're doing the" and "minus"; and all of line 20).	Google (Cramer Declaration ¶ 573)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 192, line 10 (between "here is at" and "? Are we").	Google (Cramer Declaration ¶ 574)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 192, line 25 (between "not" and "that you have").	Google (Cramer Declaration ¶ 575)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 195, lines 10-11 (between "instead of the" and "?").	Google (Cramer Declaration ¶ 576)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 196, line 1 (between "less than the" and "that you have").	Google (Cramer Declaration ¶ 577)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 198, lines 12-13 (between "You know," and "percent", and between "of the top" and "don't end in").	Google (Cramer Declaration ¶ 578)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 202, lines 13-14 and 18 (between "it's about" and "percent of", and between "So the other" and "percent of").	Google (Cramer Declaration ¶ 579)	
Exhibit A54 - Ex. 01 to	Exhibit 1, page 288, line 3 (between "at" and "percent").	Google (Cramer Declaration ¶ 580)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Motion to Exclude			
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 288, line 9 (between "at" and "percent").	Google (Cramer Declaration ¶ 581)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 289, line 15 (between "taking" and "off").	Google (Cramer Declaration ¶ 582)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 289, line 3 (between "at" and "or").	Google (Cramer Declaration ¶ 583)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 289, lines 10-11 (between "of" and "it"; and between "was" and "right").	Google (Cramer Declaration ¶ 584)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 295, lines 2-3 (between "that" and "that").	Google (Cramer Declaration ¶ 585)	
Exhibit A54 - Ex. 01 to Motion to Exclude	Exhibit 1, page 298, line 21 (between "the" and "subsidy").	Google (Cramer Declaration ¶ 586)	
Consumer Plaintiffs' Opposition to Motion to Exclude Testimony of Dr. Singer on Class Certification			
Exhibit A55 - Consumer Plaintiffs' Opposition to Motion to Exclude Testimony	Page 003, line 21 (between "that the" and "participation rates").	Google (Cramer Declaration ¶ 587)	
Exhibit A55 - Consumer Plaintiffs' Opposition to Motion to Exclude Testimony	Page 003, line 8 (between "subsidies from" and "per transaction").	Google (Cramer Declaration ¶ 588)	
Exhibit A55 - Consumer Plaintiffs' Opposition	Page 003, lines 23-24 (between "is effectively" and "and it"; and between "average of" and "back").	Google (Cramer Declaration ¶ 589)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
to Motion to Exclude Testimony			
Exhibit A55 - Consumer Plaintiffs' Opposition to Motion to Exclude Testimony	Page 004, lines 3-4 (between "percent discount" and "times the").	Google (Cramer Declaration ¶ 590)	
Exhibit A55 - Consumer Plaintiffs' Opposition to Motion to Exclude Testimony	Page 014, lines 18-19 (between "costs at" and "but estimated"; and between "from" and "to"; and from "to" to the end of the sentence).	Google (Cramer Declaration ¶ 591)	
Exhibit A55 - Consumer Plaintiffs' Opposition to Motion to Exclude Testimony	Page 015, line 2, footnote 7 (between "offer to" and "of"; and between "of" and "effective take").	Google (Cramer Declaration ¶ 592)	
Exhibit A55 - Consumer Plaintiffs' Opposition to Motion to Exclude Testimony	Page 015, line 2, footnote 7 (between "rate of" and "Ex. 16").	Google (Cramer Declaration ¶ 593)	
Exhibit A56 - Ex. 03 to Opposition to Motion to Exclude	Exhibit 03, page 139, line 15 (between "rates between" and "percent").	Google (Cramer Declaration ¶ 594)	
Exhibit A56 - Ex. 03 to Opposition to Motion to Exclude	Exhibit 03, page 294, lines 5, 7 (between "around" and "percent"; between "know" and "percent"; and between "real" and "percent").	Google (Cramer Declaration ¶ 595)	
Exhibit A56 - Ex. 03 to Opposition to Motion to Exclude	Exhibit 03, page 298, lines 18, 21 (between "get" and "back"; and between "for the" and "subsidy").	Google (Cramer Declaration ¶ 596)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -581.R (between "abuse in the" and "we were running").	Google (Cramer Declaration ¶ 597)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -588.R (between "experiments with" and "So far"; between "overall spend" and "is encouraged"; between "developer" and "I'll add"; and between "look like" and "asked if").	Google (Cramer Declaration ¶ 598)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -589.R (between "working with" and "on the EAP"; between "that information" and "for instance").	Google (Cramer Declaration ¶ 599)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -590.R (between "invaluable" and "was willing"; between "for" and "we got stat"; and between "from" and "too that they").	Google (Cramer Declaration ¶ 600)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -591.R (between "expand the" and "EAP"; between "engage with" and "starting with").	Google (Cramer Declaration ¶ 601)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -597.R (text within the presentation slide, middle column: below "Drive incremental buyers").	Google (Cramer Declaration ¶ 602)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -601.R (text within the presentation slide: full text of cells at rows 2–9, columns 2-3 of table; between "avg" and "sub \$0.50"; between "less than" and "sub \$0.50"; between "average" and "higher observed". Text outside the presentation slide: between "represented" and "of total").	Google (Cramer Declaration ¶ 603)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -602.R (text between "highest of the two: (1) ~" and "(2) The price"; after "transaction cost < ~"; after that "not higher than"; after "mature markets, e.g., ~" through end of phrase); page -603.R (from "not	Google (Cramer Declaration ¶ 604)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	exceed" to the end of the sentence; between "equivalent of" and "except in"; and between "up to" and "avg transaction").		
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -604.R (entire table except for first column and first row; between "(1)" and "(2) the price"; between "cost" and "OR"; and between "higher than" and "Buckets").	Google (Cramer Declaration ¶ 605)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -605.R (between "markets with" and "(US)").	Google (Cramer Declaration ¶ 606)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -607.R (presentation slide heading; from "2020 at" to the end of the presentation slide subheading; and both entire tables except for each table's first column and first two rows).	Google (Cramer Declaration ¶ 607)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -608.R (presentation slide heading; from "2020 at" to the end of the presentation slide subheading; and both entire tables except for each table's first column and first two rows).	Google (Cramer Declaration ¶ 608)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -609.R (between "We example" and "wants to learn").	Google (Cramer Declaration ¶ 609)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -613.R (all text in column two below "Implications for wave 2").	Google (Cramer Declaration ¶ 610)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -614, -628 (email usernames).	Google (Cramer Declaration ¶ 611)	
Exhibit A57 - Ex. 12 to Opposition	Exhibit 12, page -615.R (between "price points" and "was an early adopter"; between "sub-dollar pricing" and "or started"; and from "testing	Google (Cramer Declaration ¶ 612) Activision Blizzard	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
to Motion to Exclude	sub-dollar" to the end of the sentence).	(Exhibit B5, Salik Declaration)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -619.R (all text under heading in the right column of the presentation slide).	Google (Cramer Declaration ¶ 613)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -621.R (text within the presentation slide: between "Fast-Growth Play Markets" and "devs monetize"; between "markets" and "packages"; between "covers" and "in spend"; between "markets" and "devs"; between "markets" and "packages"; between "covers" and "spend"; between "Est." and "potential upside" (first instance); between "5 genres" and "devs"; between "devs" and "packages"; between "packages" and "spend"; between "Est." and "potential upside" (second instance); first two lines below concentric circles. Text below presentation slide: between "over" and "developers"; between "almost" and "in annual"; and between "could reach" and "of hero").	Google (Cramer Declaration ¶ 614)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -625.R (between "pricing insights" and "in order to prioritize"; and between "to evaluate" and "Once the above").	Google (Cramer Declaration ¶ 615)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -626.R (between "Expand to" and "(mostly emerging)"; between "competitors prices" and "Activate"; and between "Activate" and "Go global").	Google (Cramer Declaration ¶ 616)	
Exhibit A57 - Ex. 12 to Opposition to Motion to Exclude	Exhibit 12, page -627.R (presentation slide heading; entire table, excluding first row; between "free for" and "transactions"; and full text of two sub-bullets below "transaction economics").	Google (Cramer Declaration ¶ 617)	
Exhibit A57 - Ex. 12 to Opposition	Exhibit 12, page -629.R (between "lower than" and "even though"; between "sub-dollar pricing" and	Google (Cramer Declaration ¶ 618)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
to Motion to Exclude	"Wave 1"; and between "less than" and "of fixed fees").		
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -868, -875 (email usernames).	Google (Cramer Declaration ¶ 619)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -870.R (between "by" and "when"; between "Apps" and "vs."; between "vs." and "for Games"; between "Games" and "Content"; between "Tools" and "Policy"; between "social" and "performance"; between "Play (~" and "from apps"; between "like" and "etc."; between "iOS by" and "annually . . ."; between "annually . . ." and "contributes"; between "contributes" and "out of that"; between "out of that" and "next one is"; between "next one is" and "at"; and from "at" to the end of the line).	Google (Cramer Declaration ¶ 620) Line (Exhibit B26, Bial Declaration)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -871.R (Within presentation slide: chart; between "Gap =" and "Annual"; between "Gap =" and "games". Under slide: from beginning of first line to "is"; between "is" and "of APAC"; between "excluding" and "play's"; between "from" and "% to"; between "% to" and "%"; and between "Others =" and "LATAM").	Google (Cramer Declaration ¶ 621)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -872.R (Chart).	Google (Cramer Declaration ¶ 622)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -873.R (Within presentation slide: between "largest -" and "\$"; between "\$" and "from top"; between "Content =" and "Policy"; between "Policy =" and "Performance"; from "Performance =" to the end of the line; figures after "• Direct =" [all three instances]; figures after "• Scale =" [all three instances]; all three charts. Below	Google (Cramer Declaration ¶ 623)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	presentation slide: between “340 missing developers deliver ~” and “16.5k missing”; from “16.5k missing developers deliver ~” to the end of the line; between “107 developers deliver ~” and “2.3k developers”; between “2.3k developers deliver” to “→ Head” [first instance]; between “36 developers deliver ~” to “the next 450”; between “450 deliver” to “→ Head” [second instance]).		
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -874.R (Within presentation slide: between “Gap:” and “highly”; between “EMEA at” and “sizeable”; from “deliver ~” to the end of the sub-bullet line; from “deliver +” to the end of the sub-bullet line; both charts and table. Below presentation slide: from beginning of line to “-- Pilot flight”; from beginning of line to “- office suite, coming to Android”; from beginning of line to “- navigation, paid”; from beginning of line to “- history &”; from beginning of line to “- social network boosting”; from beginning of line to “- GPS”; from beginning of line to “- office suite, paid app”; from beginning of line to “- services marketplace”; from beginning of line to “- chat app”; from beginning of line to “- recently banned?”).	Google (Cramer Declaration ¶ 624)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -876.R (between “Policy Gap -” and “with over”; between “EMEA at” and “and Social”; from “Music at” to the end of the bullet line; between “on iOS and” and “is”; between “is” and “of total gap”; both charts and table).	Google (Cramer Declaration ¶ 625)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -877.R (between “Performance Gap -” and “from top”; between “EMEA at” and “and US”; between “at” and “Lifestyle” [next line]; between “Lifestyle represents” and “of developers making”; between “developers making” and “and” [left	Google (Cramer Declaration ¶ 626)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
	textbox, second bullet]; between “and” and “making” [left textbox, second bullet]; from “making” to the end of the line [left textbox, second bullet]; and both charts and table).		
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -878.R (between “Content =” and “Policy”; between “Policy =” and “Performance”; from “Performance =” to the end of the line; figures after “• Direct =” [all three instances]; figures after “• Scale =” [all three instances]; and figures after “Year 1 Spend Estimate:” [all three instances]).	Google (Cramer Declaration ¶ 627)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -879.R (between “that we believe” and “is addressable in the first year”; between “saying that of the” and “gap, we believe only”; between “we believe only” and “is addressable?”; and from the beginning of the line to “is an obvious product initiative”).	Google (Cramer Declaration ¶ 628)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -882.R (between “underperforming by” and “when compared”; between “Project” and “is addressable”).	Google (Cramer Declaration ¶ 629)	
Exhibit A58 - Ex. 14 to Opposition to Motion to Exclude	Exhibit 14, page -884.R (between “Dominated by” and “&”; between “&” and “Less than 20%”; two charts; figures in Venn diagram; from “Total= to the end of the line”).	Google (Cramer Declaration ¶ 630) Line (Exhibit B26, Bial Declaration)	
Exhibit A59 - Ex. 15 to Opposition to Motion to Exclude	Exhibit 15, page -922, -931, -937, -941, -942, -955 (email usernames).	Google (Cramer Declaration ¶ 631)	
Exhibit A59 - Ex. 15 to Opposition to Motion to Exclude	Exhibit 15, page -939.R (between “Youtube” and “TBD”).	Google (Cramer Declaration ¶ 632) Vodafone*	
Exhibit A59 - Ex. 15 to Opposition	Exhibit 15, page -940.R (between “Festival” and “DCB”; between “program” and “pilot”).	Google (Cramer Declaration ¶ 633)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
to Motion to Exclude			
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (between "Steps on" and "/Google Play" in email subject line).	Google (Cramer Declaration ¶ 634)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (first paragraph in email body: between "steps for the" and "/Play Billing").	Google (Cramer Declaration ¶ 635)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (first row, fourth column of table: from beginning of sentence to "reduced the"; between "results in:" and "processed"; between "transactions at" and "per subscriber"; between "per subscriber" and "processed"; between "transactions at" and "per subscriber"; between "an additional" and "marketing bounty"; between "marketing bounty" and "also asked"; and from "asked to" to the end of the cell).	Google (Cramer Declaration ¶ 636)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (first row, second column of table: between "bounty of" and "for a subscriber's" and between "month" and "paid for").	Google (Cramer Declaration ¶ 637)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (first row, third column of table: between "While" and "was modelling" [sic]; and from "on the following" to the end of cell).	Google (Cramer Declaration ¶ 638)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (second row, first column of table: from "Google's breakeven is" through the end of the cell; second row, second, third, and fourth columns table: entire cells).	Google (Cramer Declaration ¶ 639)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (table column headers: between "Google proposal" and "initial counter proposal"; and between ""initial counter proposal" and "full counter").	Google (Cramer Declaration ¶ 640)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (third bullet point after table: between "connect with" and "next week").	Google (Cramer Declaration ¶ 641)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506 (third row, fourth column of table: from beginning of sentence to "internal investigation"; and between "data to" and "would be"). This information identifies an app developer business partner of Google Play and describes considerations in the app developers' counter proposal for a deal between that app developer and Google. If the details of that counterproposal were revealed to competitors and potential business counterparties, they could use that information to disadvantage Google. For example, if other app developers became aware of this information, they could use it to inform their negotiation strategies and as leverage in negotiations with Google, to the detriment of Google and the app developer business partner alike (e.g., by making a similar counterproposal demand to them).	Google (Cramer Declaration ¶ 642)	
Exhibit A60 - Ex. 16 to Opposition to Motion to Exclude	Exhibit 16, page -506, -507 (email usernames).	Google (Cramer Declaration ¶ 643)	
Google's Reply in Support of Motion to Exclude Testimony of Dr. Singer on Class Certification			
Exhibit A61 - Defendants' Reply ISO Motion to Exclude	Page 009, footnote 2 (between "from" and "to"; and between "to" and ", Opp.>").	Google (Cramer Declaration ¶ 644)	
Exhibit A61 - Defendants' Reply ISO	Page 010, line 3 (between "and only" and "of U.S. consumers").	Google (Cramer Declaration ¶ 645)	

C. Cramer Decl. Exhibit	Portion Containing Designated Information	Designating Party	Ruling
Motion to Exclude			
Exhibit A61 - Defendants' Reply ISO Motion to Exclude	Page 010, line 14 (between "offered an" and "discount, which").	Google (Cramer Declaration ¶ 646)	

Dated: _____, 2022

Honorable James Donato
United States District Judge
Northern District of California